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CHAAPEL'S SEEDS

TIMOTHY

ALFALFA BLOSSOMS

1924

Everything
for the Farm
and Garden

CHAAPEL'S SEED STORE

39 EAST THIRD STREET
WILLIAMSPORT, PENNA.

CLOVER SEED 99.50% PURE

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It's Easy to Find What You Want

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THE HOME GARDEN

No vegetables ever come to the home table like those gathered fresh from the home garden

It's a common saying that a good garden furnishes one-half the food of a family. This is true or false as we interpret the term "good garden." A real garden is supposed to supply fresh vegetables in abundance during the growing season, a surplus for canning purposes, so that the home may have all the good, wholesome, canned tomatoes, beans, peas, corn, asparagus, etc., that are used during the winter season, and an extra surplus for the market. A good garden supplies something for the table every day in the year.

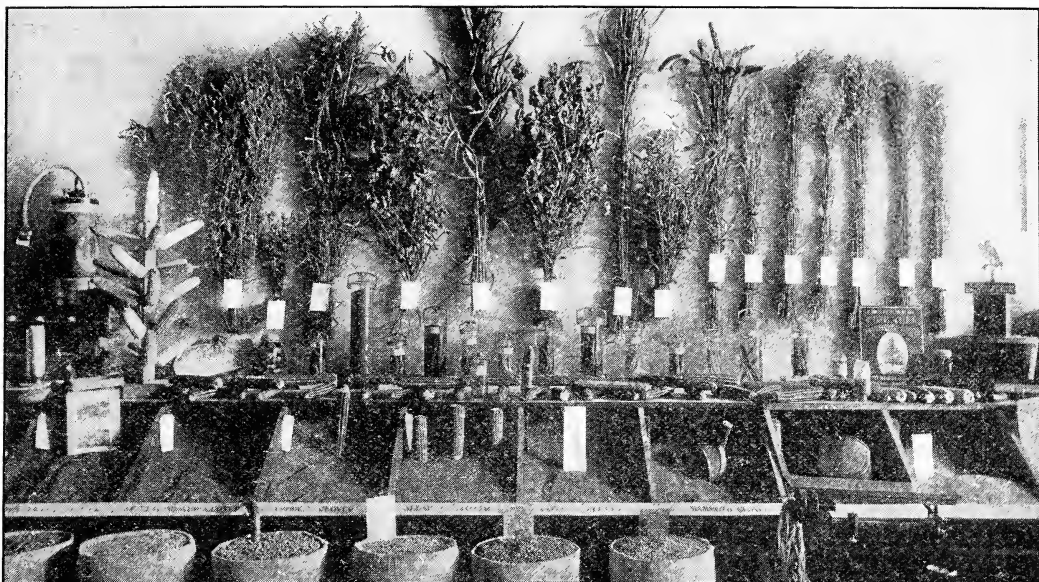
SEEDS FOR MARKET-GARDENERS

The steady increase of our business with market-gardeners from year to year is due to the quality of **Chaapel's Seeds** and the personal service of the management. Our local gardeners profit by this service, and that they appreciate it is evidenced by our increasing business with this critical trade.

Many of our customers, especially those living in Lycoming and adjoining counties, are acquainted with us personally; it's an honor to us, and a pleasure, to have you visit our store. Come in and make yourself at home. Ask us for information and make our store your headquarters while in Williamsport; if you can't come, be friendly and write occasionally.

HARRY CHAAPEL
P. A. McGOWAN

CHAAPEL'S SEED STORE



This picture, taken in our store, shows the arrangement of our Farm Seed bins, a display of Legumes, Grains, etc., and jars containing vegetables preserved in alcohol

*The aim of this store is to be of real service to the public,
and it has adopted as its slogan: "QUALITY AND SERVICE"*

In offering you our 1924 Catalogue, we do so feeling that, more than ever, we are offering you a greater variety of the things you desire, supplemented with our experience of supplying your needs for the past 47 years.

Our Vegetable and Flower Seeds are of the best quality experienced growers can produce. We observe the utmost caution in the handling of these seeds.

Our Field Seeds are selected with special reference to their purity and germinating qualities and their adaptability to our customers' locations.

Our Implements are all standard makes which have been used extensively in this territory and have stood the test of time and use. Our service is unexcelled.

Our Dairy Supply Department includes a full line of the necessary equipment and supplies for the modern dairy.

Our Poultry Supply Department includes a full line of the latest improved requisites for poultry-raising, and an unsurpassed line of feeds and remedies.

Our Bee Supply Department is filling a long-felt want. We carry in stock a full line of A. I. Root Company's beekeepers' supplies.

Our Fertilizer Department is complete. We carry the raw materials such as acid phosphate, nitrate of soda, potash, and other chemicals, Royster's and Armour's brands of mixed commercial fertilizers, and Sheep Head brand of pulverized sheep manure.

In Our Spraying Department are found the latest scientific prepared and raw chemicals for the control of plant diseases and pests, and sprayers to suit the needs of the small gardener or the largest commercial grower.

We wish to express to you our appreciation of the generous patronage of the past year, and, assuring you of our earnest desire to serve you, we are,

39 E. Third St. }
40 E. Willow St. } **Williamsport, Pa.**

Yours truly,
January, 1924

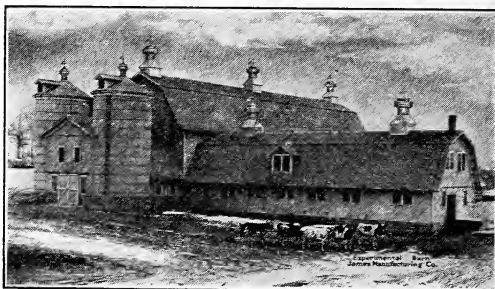
CHAAPEL'S SEED STORE

QUALITY FARM SEEDS

It has always been the policy of this store to select field seeds from the standpoint of quality and purity rather than price. These two items are always vitally considered before we offer field seeds to our customers. Poor seeds are expensive at any price—it does not pay to plant them for they require the same labor in cultivation as good seeds and produce a much smaller crop.

Our Clover, Alsike and Timothy, our Scarified Sweet Clover, our Alfalfa, Red-Top, Kentucky Blue Grass and other small seeds are the most reliable that can be bought anywhere at any price. The Canada Field Peas, Soy Beans, Dwarf Essex Rape, Vetches, Oats, and other grains are all of the best varieties and of the highest quality.

If you care anything about the quality of the seed you sow, and are particular along this line, you will buy your seeds from us. Our seeds have that bright, clean-looking appearance, and take the highest possible purity and germination tests. Our prices are no higher than you will pay in some stores for a very much inferior grade of seed. We'll be glad to show you samples any day and have you make comparisons.



Model type barn and silo

Ensilage Corn

For years we have been specializing on Seed Corn. We have given particular attention to our Ensilage Corn and we feel that we are distributing the varieties best suited for our locality. Whenever our own or others' tests show a promising variety, we find the northern locality best suited for the growing of this variety and contract with the most successful grower in that community—that is the outstanding reason why our Corn gives universal satisfaction. After we receive our seed from the grower, several germination tests are made and we can tell you the average percentage of germination. This is marked on the label of all Corn sent out by us.

Cribbing Corn

We believe the best varieties for crib Corn for this section are those that have developed within our own community. We do not advocate the planting of western-grown Seed Corn for cribbing purposes. Corn is one grain crop that must become acclimated before it does its best. It takes years of selection to acclimate Corn to a given section. We believe it is more profitable to the grower to improve our native varieties. With this principle in view, with the exception of the flint varieties, our Field Corn is native grown. We sell you only the best. All our Seed Corn is carefully selected, graded, and tested; you make no mistake in planting our seed.

About Prices of Field Seeds

The prices of clover and nearly all other farm seeds are so uncertain, due to weather and the unusual industrial conditions, that it is impossible at this time to quote you prices with any degree of certainty, as the market is changing almost daily. Our prices are always based upon the day's market; we never hesitate to reduce our prices to meet market conditions, regardless of our personal losses. Therefore, in order to protect ourselves and give you the benefit of any reduction in prices, we invite inquiries and will gladly quote you the best prices obtainable.

If possible, come to the store, inspect our stocks personally and secure the benefit of prevailing market prices, making it more satisfactory for both of us. But if you can't come, write us.

Wishing you a prosperous season, we are, cordially yours,

CHAAPEL'S SEED STORE

MISCELLANEOUS FARM SEEDS

Sudan Grass

Sow Sudan Grass after the soil has become warm, about corn-planting time. Sow 30 to 40 pounds to the acre, broadcast, about May 1. It may be cut in July, just before heading out. This gives time for a second growth to reach the stage where it can be used for pasturage. Lb. 15 cts., 10 lbs. \$1.25.

Sorghum, or Amber Cane

Used principally as a summer fodder for cattle. The seed may be sown in drills about 30 inches apart, at the rate of five to six pounds of seed for an acre. If sown broadcast, seventy-five pounds of seed is generally used. Lb. 25 cts., 10 lbs. \$1.50.

Broom Corn

Broom Corn is adapted to any soil that will grow corn. Plant in drills $3\frac{1}{2}$ feet apart, and in rows 3 inches apart, and cultivate like corn. Sow 5 to 8 pounds per acre.

Improved Evergreen. The best variety in cultivation, on account of color and quality of brush; ripens very early, grows about 8 to 10 feet high, brush of good length, fine and straight. Lb. 20 cts., 3 lbs. 55 cts.

Six-Rowed Barley

Finest sort for growing in Pennsylvania. Makes a good stiff straw, standing up well. Is the earliest variety. Sow $2\frac{1}{2}$ bushels per acre as early as ground can be worked. Bus. (48 lbs.) \$2.75.

Winter Rye

Rosen. This new Russian Rye is said to be the best variety now grown. The grain is large, plump, and of light color. Straw is strong, very long, and stands up well. The heads are long, well filled and it is an unusually heavy yielder. Sow $1\frac{1}{2}$ bushels per acre. Prices on application.

Mammoth Russian Sunflower

Highly valued as an excellent and cheap food for cattle and fowls. Four pounds of seed will plant an acre. Lb. 20 cts., 10 lbs. \$1.25, 100 lbs. \$10.

Buckwheat

Japanese. Is much superior to the common Buckwheat. Prices on application.

Silver Hull. The grains are of a silvery gray color, making a white flour. Prices on application.

Canadian Field Peas and Oats FOR FODDER

There is no crop grown on the farm as valuable for summer feeding as Canada Field Peas and Oats, and they are equally valuable in the silo or as hay

Many of our best farmers know and understand this, but very many do not. It is used both as a green feed and as a fertilizer, and in both places deserves to occupy a very prominent position. As green feed sown with oats or barley early in the spring, it fills a place that no other plant which we have can occupy. The amount of feed produced on an acre is very large. It comes before any other good nutritious feed suitable for hay or soiling. It is greedily eaten by practically all kinds of stock, and is as nourishing as can be desired.

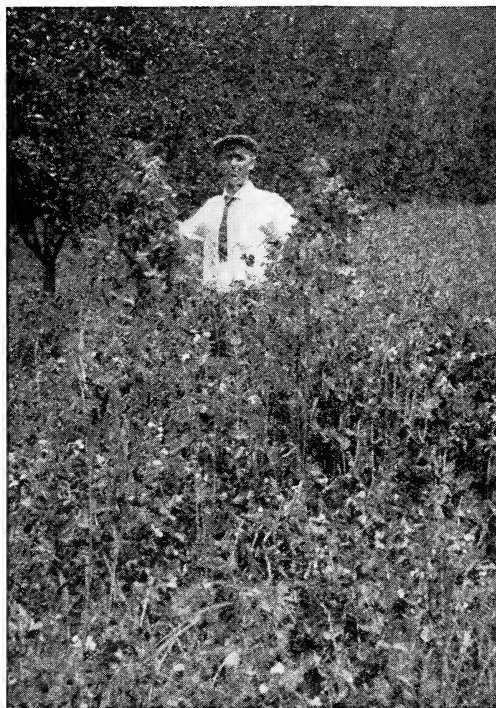
For the Silo. Recent tests, reported by some of the agricultural agents, show that Canada Field Peas and Oats make a very desirable addition to our available crops for silo purposes. Coming on as they do at the time of the year when the silos are empty or partially so, they can be utilized to advantage for these purposes. We would earnestly urge our customers to use these Peas more liberally than many of them have been doing in the past, knowing that they will be very well pleased with the result.

These make a fodder and hay which double the production of milk. Pk. \$1.50, bus. (60 lbs.) \$4.25, bag (2 bus.) \$8. Price for larger lots will be quoted by letter at any time.

TO GET BEST RESULTS

Sow in early spring, the earlier the better, about one or two bushels each per acre. Drill the Peas in first, about four (4) inches deep, sow the Oats in the usual manner. Oats should be drilled the opposite way the Peas were drilled for best results.

Ready for cutting about the latter end of June, when the Oats are in milk and the pods formed on the Peas. Nutritious and relished by all stock. Choice Northern Grown Seeds, acclimated and tested for germination. Will produce big crops and improve the land.



P. A. McGowan inspecting a field of Lycoming County-Grown Canada Field Peas and Oats

Improved Dwarf Essex Rape

VALUABLE FEED FOR CATTLE, SHEEP, AND HOGS

A forage plant of great merit, easily grown on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture at a season when it is most needed. Under ordinary favorable conditions Rape is ready for pasturing sheep or hogs in about 6 weeks from date of sowing, and on the average, an acre will usually carry about 14 sheep 6 to 8 weeks.



Dwarf Essex Rape

Resolve now to employ Genuine Dwarf Essex Rape, as it is the right thing to do. Sow liberal quantities along with other grain. It will surprise you to find how clean it will keep your land, and what a quantity of green feed you have after the grain is harvested, which is the very time you want it. Sow about 6 pounds per acre if broadcasted, or 4 pounds if drilled.

Lb. 15 cts., 10 lbs. or more, 12 cts. per lb.

Kentucky Blue Grass

This makes the best, sweetest, and most nutritious pasture for all stock. It is the first to start up in the spring and remains green until snow flies. It is very hardy and is uninjured by cold or dry weather, hot sun, or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other grasses. Lb. 40 cts., bus. (14 lbs.) \$4.25.

Red Top (Solid Seed)

The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for timothy and Kentucky blue grass. Good to sow with timothy and clover for meadow or pasture and is more permanent than either. Lb. 30 cts., bus. (14 lbs.) \$3.50.

Bromus Inermis

It is a perennial, growing 3 to 5 feet high; grows luxuriantly in the eastern states. It comes early in the spring and stays green all summer. It is one of the very best grasses for wet, mucky soils, and does admirably well on dry soils. It is an ideal companion crop for White Sweet Clover; together they make a combination that is hard to beat. Sow in the spring about 10 lbs. per acre. Lb. 35 cts., bus. (14 lbs.) \$4.50.

Millet

Tennessee, or Golden. Produces a very fine quality of hay and makes a large seed-head. In good seasons it grows about 4 feet high. Sow 1 bushel (48 lbs.) broadcast to the acre, from April 10 to July 10. Lb. 15 cts., bus. \$2.75.

Orchard Grass

It is well suited for shady places, such as orchards and groves. Lb. 35 cts., bus. (14 lbs.) \$4.

Sand or Winter Vetch

For forage and fertilizing purposes. It succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter.

Inoculate
this seed with
NODULE-BACTER

If sown in the spring it can be sown alone or mixed with oats, spring rye or barley. If sown during August or September, winter rye serves as a good support. The root-growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Grow your nitrogen. Sow thirty to forty pounds to the acre with one-half bushel rye, oats or barley. Lb. 25 cts., bus. \$12. Price subject to change.



Sand or Winter Vetch

Clover and Timothy Seed

PRICES ON FARM SEED SUBJECT
TO MARKET CHANGES

ABOUT THE QUALITY OF OUR CLOVER AND TIMOTHY SEED

A large and increasing proportion of the orders we receive for Timothy and Clover Seed are for our "Globe" and "Pine Tree" brands, because our customers have learned that the best seed is the most economical regardless of the cost. Seed cleaned for our Pine Tree and Globe brands must in every instance come up to a certain standard before it can be sold as such. It has always been our policy to sell goods as advertised, never substituting an inferior grade unless so advised. In this way we have built up our reputation, and our friends have learned that when they order "Pine Tree" and "Globe" brands, they receive them.



Medium Red Clover

Sow Red Clover seed and plenty of it

MEDIUM RED CLOVER. It pays always to buy the best quality of Clover seed which can be obtained. Even though the first cost is twice as much as cheaper seed, it will be found in the long run that inferior seed is the most expensive, not only on account of less hay being produced from it, but from the fact that one's land becomes infested with weed seeds which decrease the value of the land on which they are growing. Lb. 30 cts., bus. (60 lbs.), prices on application.

GUARANTEED MAMMOTH RED. Pea-vine or sapling Clover, a large rank-growing Clover producing an enormous yield. It is a valuable plant for our depleted, worn-out hill-tops. Its immense root-system, filled with bacterial nodules, quickly restores fertility to the soil. It ripens later than the Medium Red Clover, at about the same time as timothy. Valuable for both pasture and hay, especially in combination with timothy. **Our stock of this Clover is the genuine Mammoth.**

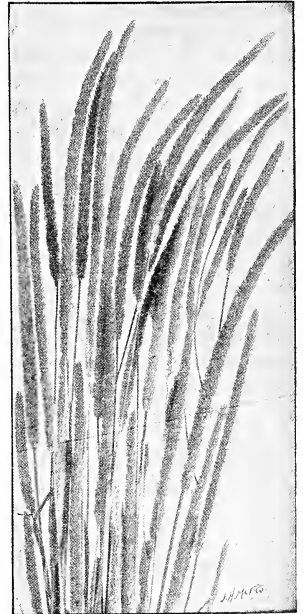
All our tested farm seeds are sold under the provisions of the Pennsylvania Pure Seed Law. When you buy seeds outside of Pennsylvania you are not protected by this Pure Seed Law.

ALSIKE, or SWEDISH. This is one of the hardiest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red and with timothy, and the quality of hay thus produced is excellent. It is finer and more leafy than Medium Red. It is very fine for honey bees, and cattle prefer it to other Clovers. Lb. 30 cts., bus. (60 lbs.) \$13.50.

CRIMSON, or SCARLET. An annual of strong, erect growth, 1 to 2 feet high. It roots deeply and places in the soil an abundant supply of nitrogen. When plowed under, it adds to the soil a large amount of humus or available plant-food, thus enriching the land and preparing it for other crops. Sow 10 to 15 pounds of seed to the acre in the spring. Lb. 25 cts., bus. (60 lbs.) \$10.

ALFALFA. Alfalfa produces from 3 to 7 tons of hay to the acre. It has as much protein as wheat-bran. Three hundred and sixty stalks have been grown from 1 seed. It does not exhaust the soil; it enriches the soil. It will grow 3 to 5 crops a year.

Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than timothy. Ten milch cows can be fed on less than 2 acres by soiling. Lb. 30c., bus. (60 lbs.) \$13.50.



Timothy

Timothy

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It should not take an intelligent farmer long to figure the wisdom of investing his time and money in reliable seed. Lb. 15c., bus. (45 lbs.) \$4.50.

If wanted by Parcel Post, add postage at the rate of 5 cents a pound, and 1 cent for every additional pound, within the First and Second Zones. Seamless 2-bushel bags, used in shipping, 45 cts. each.



Soy Beans

Soy Beans The Great Soil-Improver

Soy Beans can be grown in all parts of the country where dent corn succeeds and on a greater variety of soils than any other legumes. **All Soy Beans are very scarce. Prices subject to change.**

Inoculate
this seed with
NODULE-BACTER

For the Silo. It has been found that Soy Beans, planted in with the silo corn at the rate of 15 to 18 pounds to the acre and put in the silo with the corn, make a very rich ensilage, far superior to corn alone. We believe this method is far better than planting the corn and Soy Beans separately when intended for the silo; as it insures an equal distribution, which cannot be obtained readily when they are planted separately and put in the silo alternately. Soy Beans may be grown for grain. Allow for postage.

Medium-Early Green. For the northern tier of Pennsylvania counties, where the practice of sowing Soy Beans with the silo corn is becoming popular, it is advisable to have a variety of Soy Beans that will give the greatest amount of foliage and almost-matured grain at silo-filling time. In variety tests, this heads the list. This plant grows upright, produces much foliage and is the heaviest producer of grain. Pk. \$1.50, bus. \$5.

Wilson. This variety in some ways excels all others as a forage crop. The stalks and branches are slender and we think probably it would make the most hay and a little the best quality of any variety. It matures in 125 days. Sow 40 pounds to the acre. Pk. \$1.50, bus. \$5.

Elton or Chestnut. An early Bean that matures about a week earlier than Medium-Early Green or Wilson. It is a desirable Bean for northern localities. It is a strong grower, a large seed producer and having an abundance of foliage, it is a desirable variety to sow in the ensilage corn in northern counties as it matures sufficiently for that purpose. It makes an excellent hay and hog pasture. Pk. \$1.50, bus. \$5.

Hubam Clover (Annual White Sweet Clover)

Every farmer and beekeeper should arrange now for a supply of Hubam, the Annual White Sweet Clover. No plant has ever come into popularity and country-wide interest so rapidly as Hubam, the new Annual White Sweet Clover discovered by Professor Hughes at Ames. This Clover grows in every climate and on wide variations of soils. It is an excellent hay and pasture crop and the best soil-building plant known. In order that you may learn more about this valuable plant please write us now for a descriptive booklet free on request. Lb. 40 cts., 10 lbs. \$3.50.

Inoculate
this seed with
NODULE-BACTER

Perennial Sweet Clover (*Melilotus albus*)

White Blossom. The largest of the Sweet Clover family; a great soil-improver; makes fine pasture and a good grade of hay. Scarified seed. Lb. 20 cts., bus. (60 lbs.) \$10.

Grimm Alfalfa (The Genuine Certified Grimm)

The much advertised Grimm Alfalfa is truly a wonderful acquisition to the northern farmer. Originated in Minnesota by Wendelin Grimm many years ago and selected from the hardiest plants year after year until it is a fixed type of extreme vigor. The crown of the plant is receding, so is protected by the surface of the soil and is very heavily stooling, one root often producing 300 to 400 shoots. Roots are fibrous and branching, instead of the long tap-root. A variety especially adapted for shallow soil in cold regions. The flowers are variegated, purple predominating. Some growers report larger yields of Grimm than other strains, giving a leafier, finer hay. Our seed is guaranteed genuine. Lb. 60 cts., bus. \$30.



A field of Swedish Select Oats

*"As Ye Sow, So Shall
Ye Reap"*

SEED OATS

32 lbs. to the bushel. Sow
2½ bushels to the acre

What was true twenty centuries ago is true today—"like begets like" holds good up to a certain extent. This is more true when applied to the Oat than any other cereal. There is always that tendency to reversion or the "seed run out" as we hear it expressed. The heaviest and best of new varieties run out if kept on the one soil too long. To keep the Oat yield up to standard we must continually import from the Oat-growing sections new stock for planting. An Oat that runs from three to six pounds above the standard weight certainly is preferable to one that runs under weight two to four pounds—any farmer can appreciate the difference and realize the difference in yield and feeding-value. Plant good Oat seed.

Swedish Select

Extra-Heavy Recleaned Seed

This Oats was introduced a few years ago by the U. S. Department of Agriculture and today is the most largely planted of all varieties in the northern central states. Briefly described, the Oat is pure white in color, the hull is thin, the kernel large and plump, and the straw stiff and strong enough not to lodge. A remarkable root development makes Swedish Oats a good drought resister—a special feature on light soils. Season medium early and the earliest of the heavy yielding sorts. Especially suited to high land. Pkt. 40 cts., bus. (32 lbs.) \$1.30, 10 bus. or more, \$1.25 per bus.

After repeated tests, the following is said of this popular variety of Oats:

At the Wisconsin Experimental Station: "It has stood at the head of the list for several years."

Professor Moore of Wisconsin says: "The most satisfactory Oats of all."

HEAVY WEIGHT. The Michigan stock is a good yielder with plump grains. Reliable and reasonable in price. Bus. \$1.

Long's White Tartar

An ideal Oats for all uses

We have studied the White Tartar Oats for a number of years and we can strongly recommend it as the earliest, heaviest, and most prolific domestic-grown Side Oats in cultivation. It makes a good growth, with stiff straw about 3 feet in height. The heads measure from 8 to 10 inches and the kernels are of immense size, thick, plump, and heavy. The combination of extreme earliness, great length of straw, and its numerous leaves give it all the qualifications necessary to make an ideal Oats. Pk. 60 cts., bus. (32 lbs.) \$2, 10 bus. or more, \$1.75 per bus.

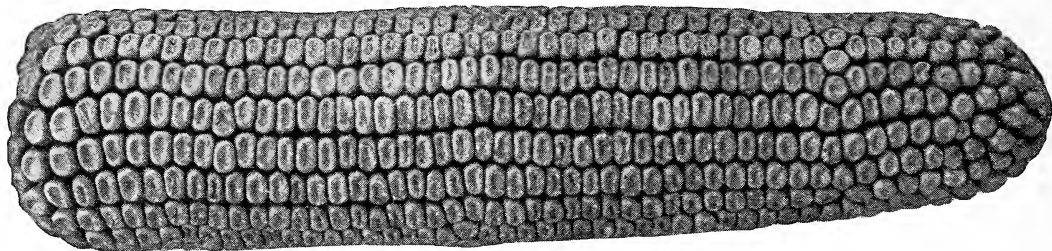
Improved White Russian

A Side Oats that is a dependable cropper and as near rustproof as any Oats can be. It withstands extremes of heat and cold and seldom fails to deliver a remunerative crop. White Russian is a distinct type of Side or Horse-Mane Oats of Russian origin. Pk. 50 cts., bus. \$1.75.

Improved Treatment for Oats Smut

Use one pint of Formalin (Formaldehyde 40 per cent) in 10 pints of water and with a spray pump direct a spray into each shovelful of grain as it is being shoveled over on a clean floor or canvas. This quantity, 11 pints will treat 55 bushels at the rate of 1 pint to 5 bushels. Grain may be immediately sacked. ½ pt. 35c., pt. 50c.





Quenshenaque Yellow Dent Corn

Northern-Grown Seed Corn

MOST VARIETIES ARE LOCALLY GROWN, SELECTED BY HAND, AND GRADED
ALL OUR SEED CORN IS TESTED FOR VITALITY BEFORE YOU GET IT, AND THE GERMINATION MARKED ON THE LABEL

Plant 8 to 10 quarts to the acre in hills; sow $2\frac{1}{2}$ to 3 bushels broadcast for fodder

QUENSHENAQUE YELLOW DENT. An early-maturing Yellow Dent, grown and bred on the hills of Lycoming County. A Corn of good size and a sure-cropper. This Corn has never failed to ripen properly in its native habitat on the hills, up the Quenshenaque Run. It is a beautiful Yellow Dent with just enough White-Cap blood in it to give it strong vitality and early maturity. It matures in 90 to 100 days; the stalks are 7 to 8 feet tall, and the ears 8 to 10 inches long. We feel safe in recommending this Corn to the growers on hill farms on account of its extreme earliness and strong vitality. Pk. 75 cts., bus. \$2.50.

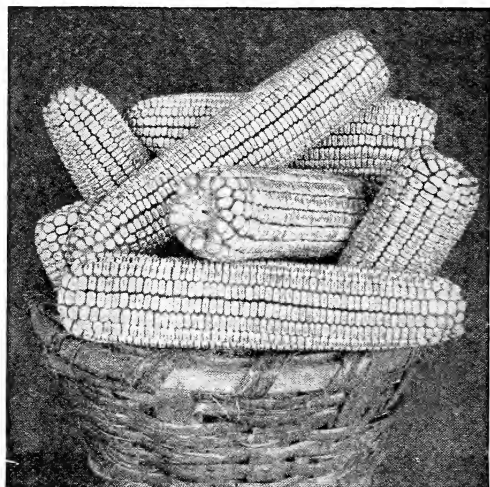
GOLDEN SURE CROP. (Lycoming County-grown.) We are offering this year seed of this variety, acclimated and grown in Lycoming County, which we believe will give better satisfaction for grain purposes than that grown in Lancaster County. In type it differs from every other Corn on our list. It would take no prizes at a Corn show—it doesn't conform to the standards that Corn judges like to see—doesn't have the fancy, straight-row manner of growth. The ears are very long, not proportionately thick. It is of golden yellow appearance on the ear. When shelled, it has a sort of reddish yellow or speckled appearance. (Corns that shell red are good yielders for rough-and-ready farming.) You will usually find 14 to 20 rows of grains, all tending to grow curved rather than straight, and set close together, with very little waste space between them. Ears of Golden Sure Crop fill out especially well—from butt to tip. The grains are very hard and are not deep, but more square. There is not much cob, so that the proportion of shelled Corn to ear is very satisfactory. An especially good trait of this variety is that it produces a good ear on every stalk in the field—nubbins are very few. We strongly

recommend Golden Sure Crop for use where other varieties of Corn have not shown up well—on soil of just average fertility, or even on poor ground, or where proper culture could not be given. This variety will give a very good account of itself under such conditions. Pk. 75 cts., bus. \$2.50.

WHITE-CAP YELLOW DENT. Acclimated and grown in Lycoming County, this Corn has never failed to mature properly; vigorous habit, large foliage, and a sure cropper. The ears are large—9 to 11 inches and 14- to 16-rowed—well filled out and showing practically no gloss whatever, thus demonstrating its well-bred propensities. The grains are large, beautiful lemon-yellow, and white-capped. Pk. 75 cts., bus. \$2.50.

HALL'S GOLD NUGGET. A beautiful, golden, 8-rowed Flint Corn, having extra-long ears well filled with broad, golden colored grains. It is by far the premier of the Flint Corns, beautiful to look at and a very good yielder. Flint-Corn growers can make no mistake in growing this variety. It is a winner wherever tried. Pk. \$1, bus. \$3.

LONGFELLOW FLINT. This for a long time has been the popular 8-rowed Yellow Flint Corn. It is a very productive variety; ears 12 to 14 inches long and matures where the Yellow Dent fails. Pk. \$1, bus. \$3.



White-Cap Yellow Dent Corn

In ordering Seed Corn by Parcel Post allow for postage and cost of bags; see third page cover.

Owing to unsettled conditions prices of all Seed Corn are subject to change without notice

Biggest Ears, Biggest Fodder, Earliest and Best Ensilage Corn for the North

WEST BRANCH SWEEPSTAKES

This Corn originated in Lycoming County. Formerly a White-Cap Yellow Dent, it has become mixed with other varieties until now a type of its own has become established. Our stock is original and is grown in Lycoming County.

The genuine West Branch Sweepstakes is a Corn of mongrel appearance, hardly any two ears look alike—a characteristic of the variety. All ears contain the same blood, all yield about the same amount of green fodder of equal height and weight, and mature at the same time, and the ears run uniform in size. This being the desired aim of the silage users, its mixed appearance only adds to its desirability where it is grown and known.

It is a big Corn. The stalks are very large, $1\frac{1}{2}$ to 2 inches in diameter, and 12 to 15 feet high. The foliage is long, broad, and heavy, starting well down to the ground, with an abundance of leaves, and produces from 15 to 25 tons of silage per acre. The ears are large, averaging a foot long and 10 inches in circumference, containing 14 to 20 rows of red and golden grains, white capped with a decided reddish cast. Pk. 75 cts., bus. \$2.50.

Good Words for Sweepstakes

Our spring was late and we had a very early frost, but in spite of this, and the fact that the farmer (although a very good one) did not understand raising Corn in every detail, the West Branch Sweepstakes Corn reached a height of 10 feet on the average and produced many ears that were of large size and suitable for silage but did not mature on account of the extremely short season.—BEN H. MATKINS, Hamer, Idaho.

The West Branch Sweepstakes Corn I received last spring ripened and grew very large and I am very well pleased with it, and believe it is the ideal Corn for silage in this locality.—P. S. ARONBRIDGE, Brown City, Mich.

The seed of the West Branch Sweepstakes Corn was planted July 3, and on September 5 we took to the booth of the Land Clearing Exhibition at the County fair, two stalks which exceeded 10 feet in height.—ALOIS J. ROZIEHICKI, Rhinelander, Mich.

Your West Branch Sweepstakes Corn certainly grew fine on our ground and eared great. Quote me on 10 bushels for next year.—WALLACE VANDERLOOF, Boonton, N. J.

I was very much pleased with your Ensilage Corn (Sweepstakes). It is the best my neighbors and I have ever seen. It grew from 12 to 14 feet tall, well eared, and matured well. I expect to use it another year and will need some for myself and neighbors.—G. H. SANKEY, Manchester, Conn.

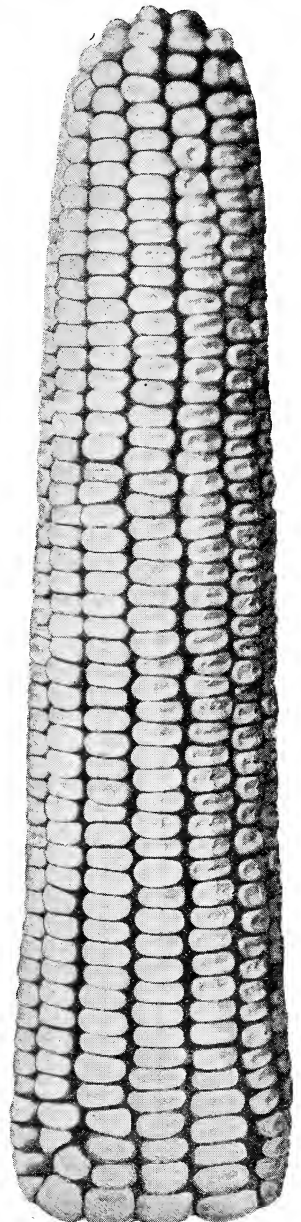
West Branch Sweepstakes Corn did rather well considering when I planted it. The stalks grew 8 to 9 feet high, and there are one or two ears of Corn on each stalk. Some ears measure 15 inches long and are getting ripe.—B. O. CLARK, Coleman, Mich.

In reply to your letter of September 15, in regard to the West Branch Sweepstakes Corn, will say that I received the sample you sent and also the four bushels of Seed Corn of the same variety. We planted the entire 4 bushels and now have a fine crop ready for the silo. The first planting was made May 25 and is now in the shock, fully matured.—E. O. DENTON, Barker, N. J.

We had a remarkably wet spring, and all our crops were very late in getting in the ground. Many farmers had no Corn at all. The small planting of your Corn (West Branch Sweepstakes) came on rapidly, and at this time looks more promising than any Corn within 10 miles of us.—JAMES S. HARLAN, Essex, Essex County, N. Y.

We are very glad to recommend your West Branch Sweepstakes Ensilage Corn for this part of Michigan. It grew about 12 feet high, far ahead of any grown around here. We have been asked by people passing for the name, as it is new here.—GRIFF ORMSBY, Benzonia, Mich.

Enclosed please find bank draft. I sincerely thank you and must say I am more than pleased with your West Branch Sweepstakes Seed Corn.—P. J. SALLEY, Lachine Rapids, Quebec, Canada.



West Branch Sweepstakes Seed Corn

ENSILAGE SEED CORN

Lancaster County Sure Crop

HOLDS FIRST PLACE IN THE ESTIMATION OF MANY LEADING FARMERS

Of late many have come to believe that considerable Corn, as well as stalk, should go into the silo—and that where length of season permits, the Corn grains should be well glazed before cutting. Farmers with this viewpoint are firm believers in Lancaster County Sure Crop as the very best Corn for this purpose. Farm Bureau Agents throughout Pennsylvania have become acquainted, through tests with the merits of this variety, with its nutritive value as compared to other silage Corns, and recommend it highly. This variety *grows quite tall—is very leafy—develops ears early—withstands drought—will develop Corn well to the north.* You will be pleased with Lancaster County Sure Crop as a silo-filling variety—rich in its protein content. Pk. 85 cts., bus. \$3.

Virginia-grown Eureka

It is the largest Corn we know of, growing from 14 to 18 feet high, on stalks 2 to 2½ inches in diameter, and has a vast amount of foliage. If it is a question of tonnage on your farm, grow Eureka Ensilage Corn. It gives you a succulent, palatable, cheap feed the year around. The seed we offer is the genuine Eureka, grown in the Shenandoah Valley of Virginia, and will give one of the largest crops of Ensilage Corn you have ever had. Pk. 85 cts., bus. \$3.

Improved Golden Dent

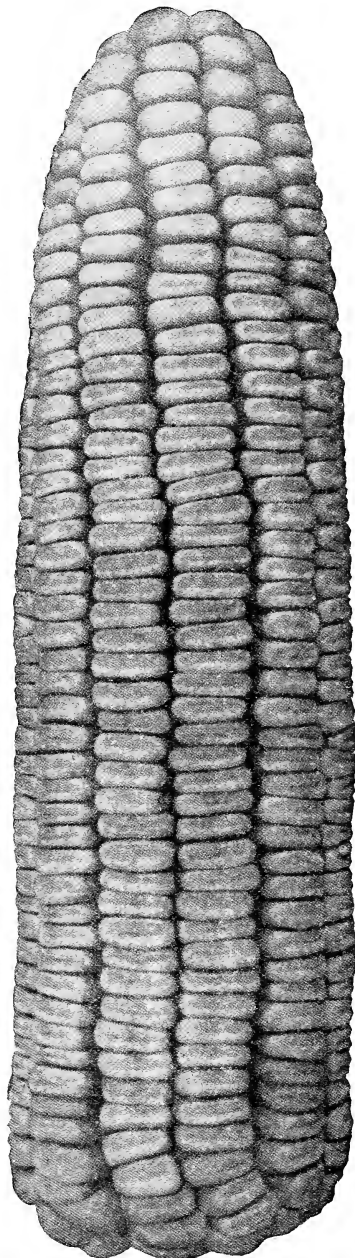
VIRGINIA-GROWN

We offer this as the best Yellow Ensilage Corn we can find. The grower says: "We have been carefully growing and selecting this Corn for several years until now we have in it the most prolific and hardy yellow Corn to be had for the South. It is not a Flint variety, but being a moderately hard Corn, does not rot in the fields as do many varieties of yellow Corn. It is exceptionally early, maturing fully three weeks ahead of Eureka, or as early as Blue Ridge." Pk. \$1.25, bus. \$4.

Blue Ridge

A NEW VARIETY OF ENSILAGE CORN OF GREAT MERIT

Blue Ridge is at least three weeks earlier than its famous prototype, Eureka, with all its good qualities and none of its faults. It is a product of the Blue Ridge Mountains of Virginia, bred for earliness so as to give a glazed ear in this locality at harvest-time. It grows 12 to 14 feet high, on a thick, heavy stalk, well filled with leaves which retain their color well to the ground until harvested. The ears average 10 to 12 inches long; the grain is broad, thick and white, containing an unusual amount of sugar, making this variety the ideal Ensilage Corn, insuring an appetizing and good-keeping silage. (See illustration from an actual photograph, two-thirds natural size.) Pk. \$1.25, bus. \$4.



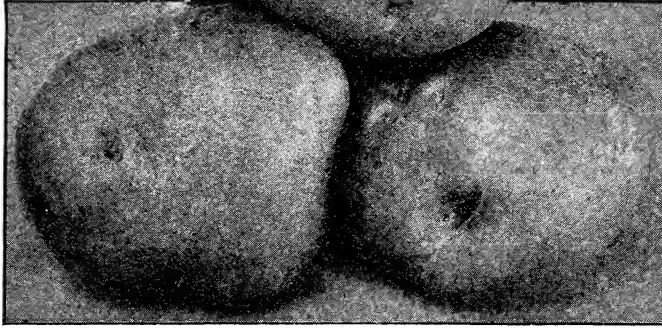
Blue Ridge Ensilage Seed Corn

CAPACITY OF SILOS			SILAGE FOR 200 DAYS			Average acreage required	Seed required
Height	Diameter	Tons capacity	No. of animals to be fed	Lbs. fed per head per day	Tons silage required		
24 feet	12 feet	54	15	25	32.5	4	24 qts.
28 feet	12 feet	64	15	30	45.0	5	30 qts.
28 feet	14 feet	86	15	35	67.5	7	42 qts.
30 feet	14 feet	92	20	30	60.0	8	48 qts.
32 feet	16 feet	120	20	35	70.0	10	60 qts.
34 feet	16 feet	128	20	40	80.0	10 ½	65 qts.
32 feet	18 feet	162	25	35	87.5	13 ½	85 qts.
34 feet	18 feet	172	25	40	100.0	14	84 qts.
36 feet	18 feet	182	30	35	105.0	15	90 qts.

Seed Corn costs less per acre than any seed you use. It is just simply good business sense to have only the very best. Why use "run-out" seed? It cuts both yield and quality.

We can send Potatoes by parcel post weighing 70 lbs. Potatoes weigh 60 lbs. to the bushel.

If wanted by parcel post allow for postage—1 lb. 5c.; each additional lb. 1c. in 1st & 2d zones.



Irish Cobbler Potatoes

Northern-Grown Seed Potatoes

GROWN ESPECIALLY FOR SEED

For many years we have made a specialty of supplying our trade with northern-grown seed Potatoes, and have enjoyed a largely increased trade from year to year. This we attribute to the fact that our stock is especially grown for seed, by experienced growers in the cold north-east and being pure and true to name, produces a much larger yield, and Potatoes of a much finer quality, than the home-grown and western stocks usually sold in the open market for seed purposes.

We begin shipping Seed Potatoes as early in the spring as weather conditions will permit, usually the latter part of March. However, we

urge our customers to place their orders early, while our stock of all varieties is complete, as it frequently happens that we are unable to supply certain varieties late in the season. Owing to the perishable nature of Seed Potatoes the market is subject to radical changes, and it is impossible for us to guarantee prices; therefore, the prices given here are subject to change. Write for quantity prices.

Irish Cobbler

An early, white-skinned variety; very short, thick, inclining to round. This is yearly increasing in popularity for the early market. But few varieties, if any, combine earliness, size, and production in as great a degree. The crop is ready for market about ten days earlier than the Early Rose; tubers are uniformly larger and in average production of large crops it is not equaled by any of the extra-early varieties nor greatly surpassed in yield by any of the main-crop varieties. The vine is very stocky and vigorous, not as liable to be affected with blight or to suffer by drought as most others. No other of the early varieties is as dependable as this, and is so certain to produce a crop. Pk. 75 cts., bus. \$2.50.

PURE EARLY ROSE. The good old favorite; pure and true. Every farmer and gardener knows the good Early Rose Potato, and nothing need be said in its favor. Our seed is grown in New York state, and we can offer it as the purest and best that can be had. Pk. 75 cts., bus. \$2.50.

Early Ohio. A few days earlier than the Early Rose, and similar in color and habit of growth; quality dry and mealy. Pk. 75 cts., bus. \$2.50.

Stray Beauty. Extremely prolific and a full week in advance of Early Rose. Color a beautiful light red; size medium; growth very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. Pk. 75 cts., bus. \$2.50.

Burpee's Extra Early. Of the finest quality and good size. Tuber oblong, white, or very pale brownish skin; few and shallow eyes. Pk. 75 cts., bus. \$2.50.

Dibble's Russets

A New Late Potato

This Potato is destined to be one of the leading main-crop varieties in that it is an exceptionally heavy yielder, table quality of the very best, and with smooth, velvety, russet skin and shallow eyes. No Potato can surpass it in uniform and handsome appearance. It is very fine-grained, cooks as white as flour, and is of splendid flavor; an excellent keeper and retains its good eating qualities until late in the spring. It is one of the hardiest varieties known and it is not susceptible to rot, scab, or disease; in fact, it can be grown on the most heavily manured land without danger of rot. Its great productiveness, handsome color, and resistance to diseases make it a very popular Potato and one especially suited to our locality. Pk. 75 cts., bus. \$2.50.



Pure Early Rose Potatoes

There is no crop so much benefited by the introduction of fresh, new seed as the Potato. **ORDER EARLY** while our stocks are complete.



KEYSTONE MARKET POTATO



The Biggest Yielding, Best Quality, Main-Crop Potato Grown



KEYSTONE MARKET was grown from a seed-ball carefully saved, planted, selected, and replanted by one of our northern Pennsylvania farmers. Descendant from a seed-ball, it is entirely and distinctly a new variety, possessing all the vigor and vitality of youth. From the start it has shown extreme vigor and great yielding capacities.

KEYSTONE MARKET, in manner of growth, resembles the Rural Family, producing a strong vigorous stem but not a bushy top. The tubers mature in clusters and are not inclined to spread over the ground; this is a very good feature when harvesting. The crowning merits of this Potato are its immense yields, beautiful, attractive appearance, unexcelled quality, and scab-proof habit. Each of these virtues is sufficient unto itself to commend this Potato for general and widespread culture. It has a vigorous constitution and behind it a history of big crops and a wide reputation for dependability. It is unusually large and is uniform in shape and period of ripening.

While we make no claims about it being entirely immune from disease, we do know that it has remarkable powers to resist disease, and, when planted in test with other varieties, these qualities are discernible to a degree that causes surprise and comment and at harvest-time are proved by the greatly increased yield over all other varieties.

KEYSTONE MARKET as a commercial Potato, with its smooth, very white skin, free from scab, brings attractive prices; as a shipper and long keeper it is superb. The quality is all that can be desired, being mealy with a delightful flavor. When baked in the jacket it has that white flaky appearance so much desired, and when removed from the jacket it stands up like whipped cream. It is simply delicious, healthful, and wholesome. Being a medium-late variety, with its exceedingly good habits and with an individuality decidedly its own, it has kept in the fore ranks of popularity since its introduction.

We are the first seedsmen to offer the **KEYSTONE MARKET** Potato to the public. We introduce it as the greatest and biggest-yielding best-quality main-crop Potato ever offered. We recommend that every grower give it a trial. Pk. 75 cts., bus. \$2.50.

Treat your Potatoes with Formaldehyde, for Potato Scab and other diseases. Use 1 pint of Formaldehyde to 30 gallons of water. Soak Potatoes for two hours in this solution. 1/2pint, 35 cts.; pint, 50 cts. (Not mailable.)

Making the Most of the Home Garden



THERE is no greater pleasure, once you start a garden, than to grow your own vegetables and to gather them crisp and fresh for your own table every day, for the greater part of the year, and have them during the winter as well. You will not only find it a pleasure, but a profitable one at that.

Moreover, these vegetables will be far superior to any that can be purchased in the market, because they will be fresh. That is an important item. Sweet corn loses a large percentage of its sugar in half a day. Peas deteriorate rapidly after they are picked, and so do other vegetables. Moreover it is often impossible to buy the best varieties in the market, because they are tender and hard to handle. The coarser kinds are easier to ship, and so the market-gardeners grow those kinds.

Yet, if the amateur is to make the most of his vegetable garden, he must prepare the ground well and make a little study of such matters as intercropping and succession cropping, which simply means keeping all the ground occupied all the time. He must use plenty of fertilizer and buy his seeds of a reliable seedsman rather than at the corner store.

PLAN YOUR GARDEN

Take a piece of paper and plan what you want to grow. Draw a map of your plot, note the amount of space available for each vegetable, plan your garden, first in your mind and then on paper. The architect makes his plans first in his mind and then draws them on paper, and works out his building and all details before ever breaking ground for the foundation. Plant your seeds after you have figured out what you want, and how much space you have, and your seed-bed is properly prepared.

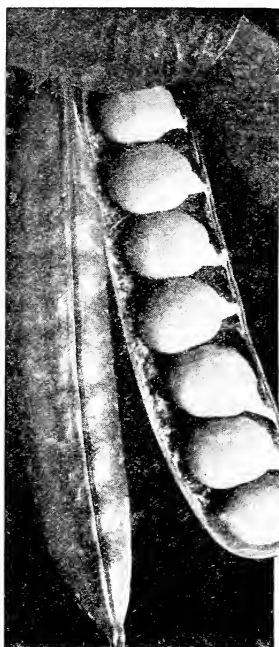
The next thing to do is to find out the cultural methods and habits of plants you expect to grow. This is necessary to properly produce them, since different plants require different treatments. Some require planting in the early spring, while others, the tenderer sorts, want to be planted in warmer weather after all danger of killing frosts is over.

PREPARING THE SOIL

The most essential part of gardening is preparing the soil. The first thing to supply is sufficient plant-food to insure vigorous growth. This can be done by the liberal application of stable or commercial fertilizers, spread upon the ground late in the fall or early in the spring and turned under, either plowed or spaded, and be thoroughly worked by harrowing or raking. The object is to break up the clods, conserve the moisture, destroy the weeds, and thus prepare a home for the plants.

After the ground is properly prepared, and the prospective gardener is familiar with the habits, growth and planting, it is then time to purchase the seeds. Too much stress cannot be laid upon this important point because, in many cases, upon the seed hinges success or failure. We advise purchasing your seeds from a reliable local seed merchant, one who makes a business of supplying them, because, as a rule they are fresh, true to name, and reliable. He is in a position to advise you of the cultural methods, time of planting, the crops suited to your climate and location and the amount and kind of fertilizers to apply.

USEFUL INFORMATION ABOUT FERTILIZERS AND HOW
TO APPLY THEM. PAMPHLET FREE ON REQUEST



Blue Bantam Peas

Peas of Special Merit

NORTHERN-GROWN

Sow the earliest varieties as soon as the ground can be worked in the spring. The wrinkled varieties are not so hardy as the smooth sorts and should not be planted quite as early. The rows must not be closer than 2 feet for the dwarf varieties, the taller Peas farther apart, sowing about 1 quart to 75 feet of row.

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

Prizewinner. A New Main-Crop Pea

In this splendid variety, which comes to us from one of England's best Pea breeders, we have an ideal dwarf, main-crop Pea, giving us as many and as large pods as the very tall varieties—in truth it is a fine "Dwarf Telephone." The vine is remarkably sturdy, reaching a height of 2½ feet, and the foliage is heavy and very dark green. The pods are from 4½ to 5 inches in length, very broad and heavy, straight, pointed, dark green and containing nine very large deep green Peas of most excellent quality. We recommend the Prizewinner for a main-crop Pea where dwarf growth, productiveness, and high quality are desired. Pkt. 10 cts., ½pt. 25 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

Extra-Early Blue Bantam

The best first-early dwarf wrinkled Pea

It is unequalled for combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large, deep bluish green pods. The handsome pointed pods, generally borne singly, measure 4 to 4½ inches long and are tightly packed with eight to ten large, deep bluish green Peas. These Peas are not only large in size, but of *most luscious flavor*. The pods are ready to pick as early as American Wonder, while double the size; in fact, they average fully as large as Gradus. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

New English Pea, Peter Pan

A Dwarf Gradus

This is the newest of the large-podded, extra-early, dwarf wrinkled Peas. The vines are dark green, extremely vigorous, growing 15 to 18 inches high. The pods are long and pointed and well filled with large, sweet, wrinkled Peas of most delicious quality. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

Alaska. Earliest of all Peas

The earliest of all extra-early varieties. Can be planted as soon as the frost is out of the ground. Pods dark green, well filled and ripening uniformly. One of the best for the market-garden. Vines 2½ feet high. Pkt. 10 cts., ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.40, pk. \$2.50, bus. \$9.

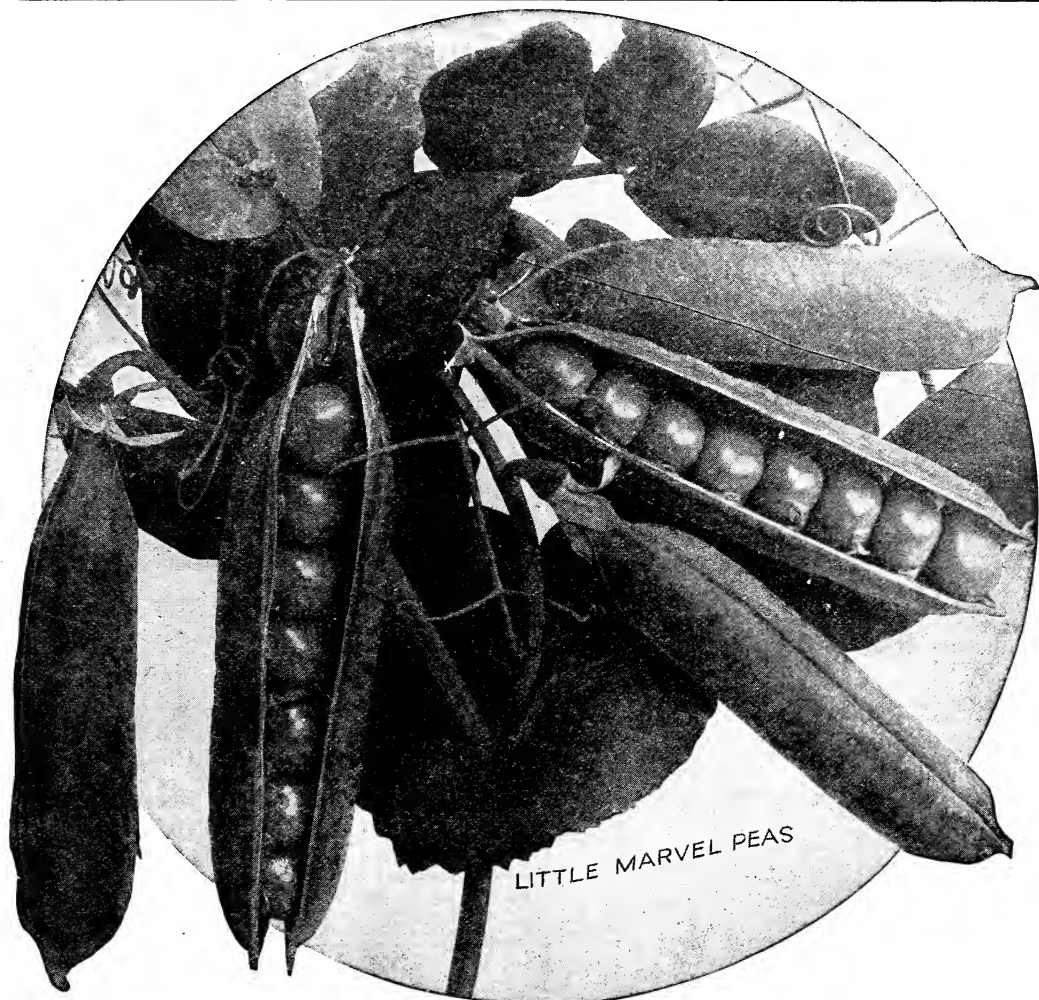
Peas are different from all other vegetables—the seeds are large and only one stem grows from each seed. They do not tiller; the plant is not bushy. They must be planted close together—12 to 16 seeds to the foot.

While a 5-cent packet of lettuce or radishes might suffice for the family garden and yield sufficient portions for numerous meals, a like amount of Peas will not. It requires 1 pint to plant 40 feet of row. Peas form a profitable crop to grow. Plant all you have room for.

OUR POLICY: RELIABLE SEEDS, REASONABLE PRICES



Prizewinner Peas (Natural size)



Little Marvel Dwarf Peas

As a large-podded, short-vined variety, Little Marvel stands at the head of its class

A new, dwarf, first-early Pea of unusual value, but recently on the market. The demand among market-gardeners for this variety is already enormous. The vines average 15 inches in height, and the pods $2\frac{1}{2}$ inches in length, frequently borne in pairs. The pods contain six or seven large, dark green Peas, which remain in good eatable shape a week later than most other varieties. This variety is as early as Nott's Excelsior or American Wonder, but produces a much larger pod, and the vines produce a much heavier crop. Its dark green pods are a more attractive color than the light green sorts. A desirable Pea for both the home garden and market. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11. If wanted by parcel post, add postage, 10 cts. extra for first quart, 2 cts. for each additional quart.

Thomas Laxton THE POPULAR MARKET PEA

Closely resembling but harder than Gradus, and a more abundant yielder than the famous Gradus—as a long-podded extreme-early wrinkled Pea—and in some respects is even better! The growth is identical, but the pods are a deeper, richer green and square at the end. In the judgment of experts, Thomas Laxton is even sweeter and finer in flavor and as the large Peas are of a deeper green, they present a more attractive appearance. Thomas Laxton can be planted earlier than most wrinkled sorts. It is the first Pea of quality appearing in quantity on the markets. As a money-maker this Pea surpasses all others. We highly recommend it for the market-gardener—our stock of this variety was especially grown for us. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

Dwarf Telephone, or Carter's Daisy

This fine late Pea is of healthy, stocky growth. Vine and foliage dark green, $2\frac{1}{2}$ feet tall, and very productive. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

Potlatch, or Dwarf Defiance

A large-podded variety of wrinkled Pea, which is very productive and of excellent quality. The vines grow to a height of about 20 inches. Pkt. 10c., $\frac{1}{2}$ pt. 20c., pt. 35c., qt. 65c., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

Garden Peas of Special Merit

Wrinkled varieties are marked with a star (). The height is given after each variety*

Liberal packets, 10 cts., postpaid. If ordered by parcel post, add postage. See third page of cover

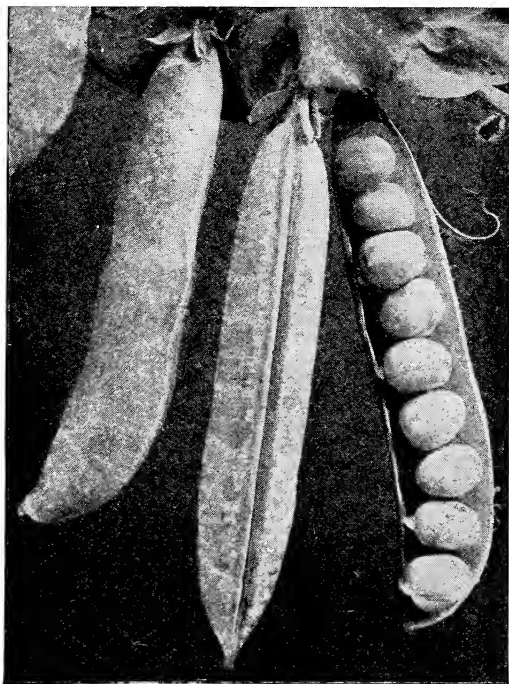
Extra-Early Varieties

Best Extra-Early. Superior strain of the extra-early Peas; first to plant and most profitable. Height $2\frac{1}{2}$ feet. $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.40, pk. \$2.50, bus. \$9.

***Nott's Excelsior.** This is one of the most popular extra-early wrinkled varieties, especially with the market-gardener. Vines are dwarf and vigorous. Pods contain from six to eight large Peas, packed very closely together in the pod, making them more square than round. Pods average about 3 inches in length. Peas of superior quality. Height 15 in. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$2.75, bus. \$10.

***Gradus, or PROSPERITY.** The best known of the large-podded early wrinkled Peas, maturing a few days later than the extra-early varieties. It is of superior quality in size and flavor, grows 3 feet high; a regular market-garden Pea. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

***Premium Gem.** Extra early, prolific, and of delicious flavor. Height 15 inches. $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$2.75, bus. \$10.



Nott's Excelsior Dwarf Peas

Second-Early and Late Varieties

***Everbearing.** Continuous bearer; pods large, of delicious flavor. One of the best for home and market. Height 2 feet. $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$2.75, bus. \$10.

***Horsford's Market-Garden.** Pods are literally packed with Peas of delicious, sweet flavor. Height $2\frac{1}{2}$ feet. $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$2.75, bus. \$10.

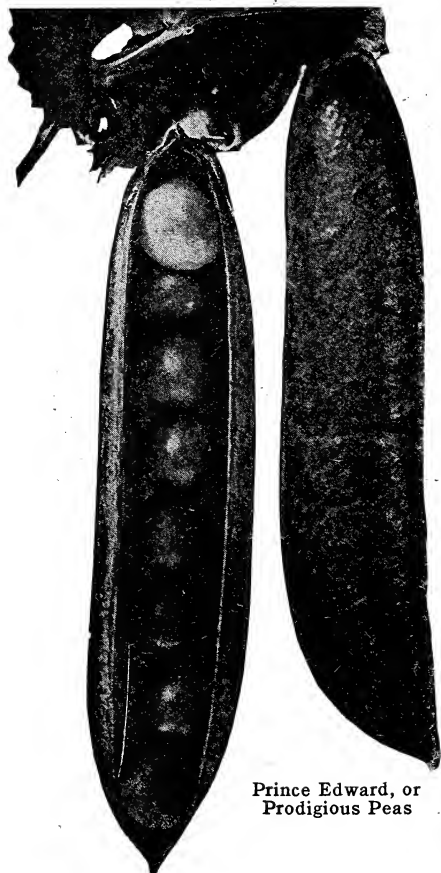
***Telephone.** The most popular late Pea. Large pods, filled with immense Peas of first-class quality. Height $4\frac{1}{2}$ feet. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

***Champion of England.** One of the richest, best-flavored Peas; well known and popular. Height 5 feet. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65c., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

***Prince Edward, or PRODIGIOUS.** A new variety with pods even larger than Alderman. The pods often grow nearly 6 inches long and are well filled with large Peas of the very finest quality. Vines grow 4 feet tall and are fairly prolific. A grand variety for those who want the very largest and best Peas that can be grown. Season medium late. (See illustration.) $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

Giant Luscious Sugar. A new edible pod sort producing large pods of excellent quality. Seed brown, blossoms purple. Height 4 to 5 feet. $\frac{1}{2}$ pt. 30 cts., pt. 50 cts., qt. 75 cts.

Mammoth Melting Sugar. (Edible pods.) Large, broad pods; very brittle and stringless. Height 4 feet. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.



Prince Edward, or
Prodigious Peas

Inoculate
this seed with
NODULE-BACTER

Inoculate your Peas with **Nodule-Bacter**. It helps raise better crops and improves the land.

Beans, Dwarf Wax or Butter

Liberal packets 10 cts. WE DO NOT PAY POSTAGE ON BEANS (EXCEPT PACKETS). IF ORDERED BY PARCEL POST, ADD 10 CTS. EXTRA FOR FIRST QUART, AND 2 CTS. FOR EACH ADDITIONAL QUART

We condense into the following list the best Wax or Butter Beans—sorts that yield and sell well in all sections

Pencil-Pod Black Wax Dwarf or Butter Beans

The meatiest, crispest, most brittle, and entirely stringless Bean grown—the one “Best Bean.” It is early, prolific, entirely stringless under all conditions, and can be grown for early spring, midseason, and late canning markets. It is of such superb quality that growers do not try to sell other wax varieties in competition with it. The seed is shining blue-black; the pods are large— $5\frac{1}{2}$ to 6 inches long—round, nearly straight and crease-backed, strictly stringless, free from fiber, fleshy and brittle, of the highest quality and of a clear yellow color, cooking with a delicious flavor. The bushes are dwarf, prolific, and sure croppers. This variety produces those beautiful, round yellow stringless Beans that are first to appear on our market stands each year. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11. Postage extra. See 3d page cover.

Inoculate
this seed with
NODULE-BACTER

Webber Wax (Flat-Pod)

A high quality, flat-podded, stringless variety of the season of Wardwell's Kidney Wax. Pods 6 to $6\frac{1}{2}$ inches long, quite broad and uniformly curved, fleshy, stringless and brittle, with little fiber. Plant more vigorous and productive than Wardwell's. Color of pod is a decided bright yellow. Seed yellow, kidney shaped. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11. Postage extra. (See illustration.)

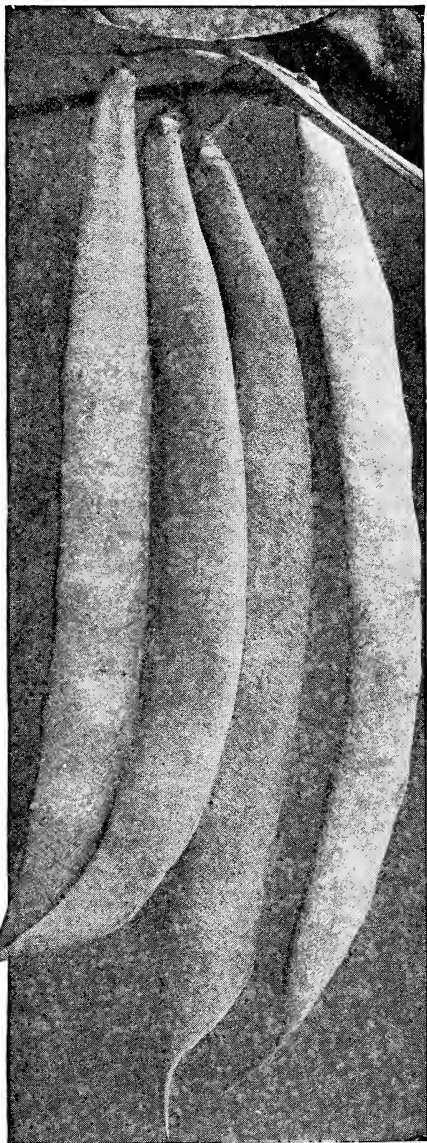
Improved Rust-Proof Golden Wax

This Bean does well under almost all garden conditions, is always reliable and sure to produce a crop. It is one of the earliest of the popular six-weeks' dwarf Beans for the market and private home-gardens. The plants are erect, compact, and productive. The pods are of medium length, $4\frac{1}{2}$ to 5 inches, nearly straight, broad, half-round, golden yellow, very fleshy, wax-like, and stringless. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11. Postage extra. See 3d page cover.

DAVIS' WHITE KIDNEY WAX. An early, productive, and attractive wax variety. Pods large and flat, $6\frac{1}{2}$ to 7 inches long, very uniform, extremely straight, stringy, fibrous, and of fair quality. Color clear, bright yellow. Seed white and kidney-shaped. A market-gardener's sort. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11. Postage extra.

WARDWELL'S KIDNEY WAX. One of the best large-podded varieties. The medium-sized plant becomes loaded with long, broad, flat, beautiful waxy pods, which are stringless and exceedingly brittle; the dried Beans are of a distinct kidney shape. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11. Postage extra. See 3d page cover.

HODSON WAX. A vigorous grower and the yield of large, handsome pods is enormous. Their color is a clear creamy white; very long, straight, or slightly curved, flat but fleshy. While late in maturing, the remarkable vigor of the plant is an effectual safeguard against blight and other Bean diseases. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.



Webber Wax Bush Beans

Postage Extra.
See Third Page Cover

Green-Podded Dwarf or Bush Beans

IF BEANS ARE WANTED BY PARCEL POST ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

BURPEE'S STRINGLESS GREEN-POD. Very hardy and extremely early sort of extra-fine quality. Vigorous; upright in habit; extremely early; handsome appearance; finest quality of pods. Stringless Green-Pod is the quickest to produce; pods of a rich green, very round and straight, 5 to 6 inches long, solidly meaty. The pods are brittle and of finest flavor, tender, always stringless even when fully matured; extra hardy. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

IMPROVED EARLY RED VALENTINE. The healthy, vigorous plants are unusually hardy, successfully withstanding early frosts; it may therefore be planted very early. It will always yield a large crop of handsome, long, round, fleshy pods. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$11.

Bush Field Beans Shell, Soup, or Baking Varieties

These are grown exclusively to use as Shell Beans, either green or dried for winter. They do well on poor, hilly land and should be more largely planted.

WHITE MARROW. Every farmer should grow a good patch of these for winter marketing. Plant them in the garden or along the outer row of your corn or anywhere, for you can sell Soup Beans any time. Everybody uses them. It is a good, profitable crop to grow. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.35, pk. \$2.35, bus. \$9.25.

WHITE KIDNEY. The Beans are white and larger than White Marrow. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.35, pk. \$2.35.

BOSTON SMALL PEA or NAVY. Produces small, white Beans, suitable for soup or baking. One of the best for this purpose. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.35, pk. \$2.35.

RED KIDNEY. An old variety; very popular. Seed is red; plant grows dwarf. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.35, pk. \$2.35.

Pole or Running Beans

These are of strong, running growth, and need stout poles on which to climb. They require a longer season in which to mature than do the bush varieties, but by reason of their stronger growth are more productive and, growing on poles, are more easily gathered. Several varieties are desirable as Shell Beans.

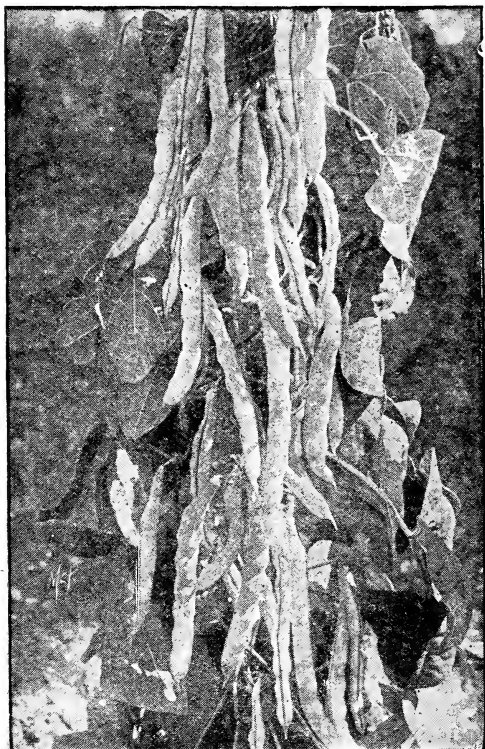
EARLY GOLDEN CLUSTER WAX. Very early; fine quality; stringless; very productive; remains tender long after pods are developed. Beautiful golden yellow pods, very broad and 8 to 12 inches long. Good both for snap and shelling. (See illustration.) Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

KENTUCKY WONDER, or OLD HOMESTEAD. The pods, 7 to 9 inches long, are so fleshy that they are *greater in width than breadth*, being deeply creased or *saddle-backed*. They are solidly meaty, stringless when young, and of finest quality. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

LAZY WIFE'S. The pods, of medium dark green color, measure from $4\frac{1}{2}$ to 6 inches in length. They are broad and retain their rich, tender, and stringless qualities until nearly ripe. Each pod contains from six to eight round white Beans, which make excellent winter Shell Beans. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.



Burpee's Stringless Green-Pod Beans



Early Golden Cluster Wax Pole Beans

Bush Lima Beans

Burpee's Bush Lima is the dwarf prototype of the Large White Lima. It was the best type of the Bush Limas, requiring no poles, and being two weeks earlier than the Pole type. It is now superseded by Burpee's Improved Bush Lima, with pods truly enormous in size, filled with Beans which are both larger and thicker than those of the popular Burpee's Bush Lima, and fully eight days earlier. The Fordhook is superior in many respects, earlier, larger in size and a heavier cropper than other Bush Limas.

We supply liberal packets at 10 cts. each, postpaid

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

BURPEE'S. A bush form of the true Large White Lima and of equally good quality. The plants are uniformly dwarf but very productive. The pods are medium green, are as broad and very nearly as long as those of the pole variety of Large White Lima and are a little more curved. They contain from three to five very large, flat Beans of very good quality for home-garden or market. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.50, bus. \$13.

BURPEE'S IMPROVED. This is about the earliest maturing of the large-seeded Limas. The plants are vigorous and productive. The pods are medium green, very large, about 5 inches long, thick and usually contain four Beans, which are unusually thick, of largest size and of excellent quality. Seed very large, thick, and usually shows a greenish white tinge which is generally considered an indication of superior quality. One of the best and most extensively used Bush Limas for the market as well as home-garden. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.50, bus. \$13.

FORDHOOK. An improved Dwarf Lima of the Kumerle type, but much more productive and matures earlier. It is sometimes called Potato Bush Lima. The plants are vigorous and erect, bearing well above the ground. The pods, which are produced in large clusters, are medium green, about $4\frac{3}{4}$ inches long and each contains three to five large Beans of exceptionally fine quality. Seed large, irregularly oval in shape, very thick, white with greenish tinge. This sort is popular for home and market use, especially in the East. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.50, bus. \$13.

Pole or Climbing Lima Beans

A good warm loam is required to grow the Pole Limas successfully. Put five or six seeds in hills 3 to 4 feet apart each way, placing them edgewise, with the eye downward, and covering 1 inch deep. They require poles 7 feet high. Pinch back when the vine reaches top of the pole and the yield will be increased.

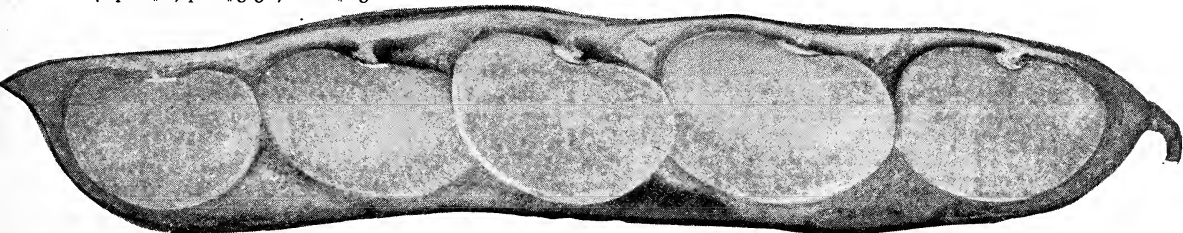
GIANT PODDED. The largest-podded Lima in cultivation and of extremely vigorous growth. The pods, which mature in midseason, are borne in clusters of six to eight, and measure about 7 inches long by $1\frac{1}{2}$ inches broad; Beans extra large and of excellent quality. Undoubtedly the best of all the large-podded varieties. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.50, bus. \$13.

EARLY LEVIATHAN. This is the earliest, large-podded Pole Lima that we know. Very large pods are produced in clusters and in great abundance, often containing five Beans which are of good size and of the finest quality. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.50, bus. \$13.

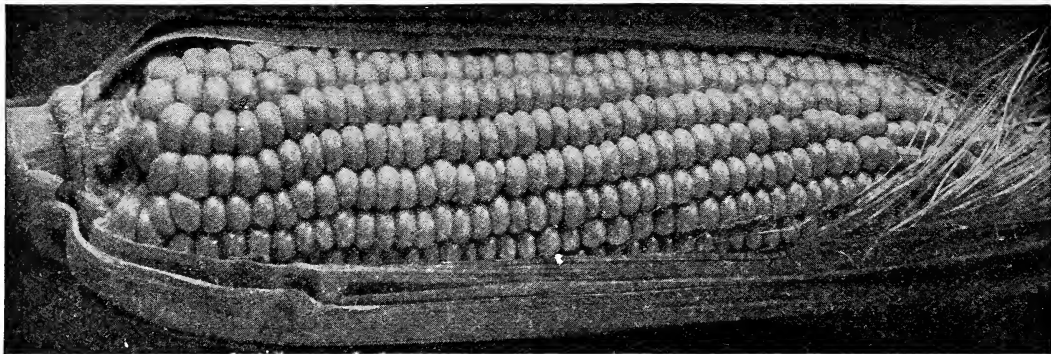
KING OF THE GARDEN. The vines of this standard Pole lima are very vigorous and productive. The pods are medium dark green, very large, 5 to 6 inches long, broad, flat, filled with four or five very large white Beans of finest quality. On account of its large pods it is a favorite with market-gardeners. It will come into bearing earlier and make larger pods if not more than two vines are left to grow on a pole. Seed very large, ovoid, flat, white, with slight greenish tinge. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.50, bus. \$13.



Burpee's Bush Lima Beans



King of the Garden Pole Lima Beans



Stowell's Evergreen Corn

Sweet or Sugar Corn

One quart plants 200 hills; 1 peck to the acre

It is conceded by almost everybody that Golden Bantam is the finest extra early Sweet Corn, but you should try the New Golden Sweet Corn, Bantam Evergreen. Mammoth White Cory and Peep-o'Day are the sweetest and most prolific of the extra-early white varieties.

Howling Mob and Kendel's Early Giant are the largest, finest early Sweet Corns, noted for their extreme earliness and large ears. Early Minnesota is the most popular of the second-early varieties; ears of fair size and good quality. Rice's Early Evergreen is about 10 days earlier, equal in quality and almost as large as Stowell's Evergreen; a most popular variety. Country Gentleman is entirely distinct; cob small, with deep, pearly white, pointed grains. Stowell's Evergreen, the standard main crop, is of the best quality; ears and foliage large; it is the best-known variety for the home- and market-garden.

IF CORN IS WANTED BY PARCEL POST ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART
2 CTS. FOR EACH ADDITIONAL QUART

Peep-o'Day. A very early sort that is sweet and delicate in flavor. Single plant bears from three to four ears. The ears are small, 6 inches in length, with white kernels. Stalks grow $3\frac{1}{2}$ to 4 feet in height, having light foliage, therefore may stand close together. Pkt. 10 cts., $\frac{1}{2}$ pt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.

Early Minnesota. An early sort with 6-foot stalks bearing one or two ears. Ears 8 inches long, 8-rowed; kernels broad, sweet, tender. Pkt. 10 cts., $\frac{1}{2}$ pt. 10 cts., pt. 15c., qt. 25c., 4 qts. 90c., pk. \$1.75, bus. \$6.

Kendel's Early Giant. Remarkably large in ear for a second-early sort and extensively grown in some localities for the market. The stalks are about $5\frac{1}{2}$ feet high. The ears are about 8 to 9 inches long, 12-rowed. The grain is white, rather broad and shallow, and the quality is very good. Pkt. 10 cts., $\frac{1}{2}$ pt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.

Country Gentleman. (Shoe-Peg.)

Country Gentleman, or Shoe-Peg, needs little introduction to most planters. The exceptional quality and depth of grain make it one of the best eating varieties. Besides this, it remains tender and fit for use longer, perhaps, than any other sort. The stalk grows $6\frac{1}{2}$ to 7 feet high; the ears are from 6 to 7 inches in length and are well filled at the ends. The eating qualities of this variety are very good, and the small cob allows room for full development of deep, sweet kernels. The stalks often bear two and three ears each. Customers are never disappointed when they plant this for home or market use. Pkt. 10 cts., $\frac{1}{2}$ pt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.

Rice's Early Evergreen. A variety possessing the good qualities of Stowell's Evergreen and maturing fully a week earlier—about August 1. Stalks about 7 feet high; ears 7 inches or over; kernels deep, narrow, tender, and very sweet. Stays in its prime a long time. A splendid home-garden or market type. Pkt. 10 cts., $\frac{1}{2}$ pt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.

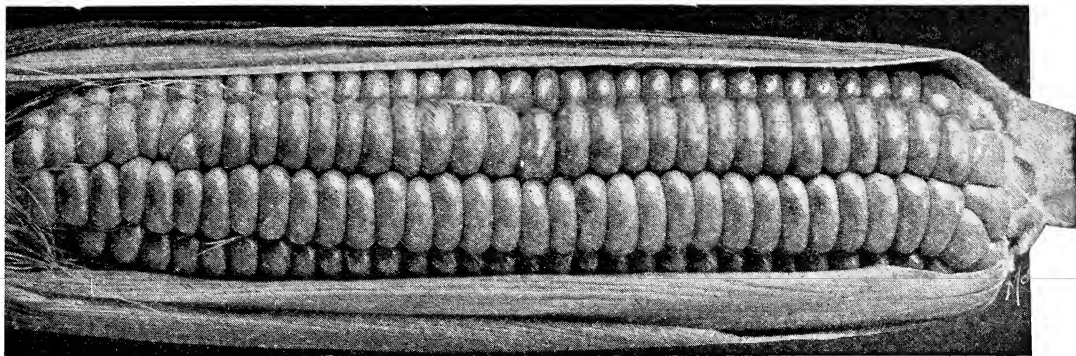
Stowell's Evergreen. This is considered the standard late or main-crop variety throughout the country. Our strain of this is extra choice and we spare no efforts to constantly improve it. The stalks grow 7 to 8 feet high. Ears average 8 inches long, are well-filled with numerous rows of slim, deep kernels of good quality. The standard for canners. Pkt. 10 cts., $\frac{1}{2}$ pt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.

Pop-Corn

Queen's Golden. A smooth yellow variety that is very prolific and of excellent quality. The grains pop perfectly white and very large. Ears 6 inches long, well filled; kernels smooth, and a rich golden color; cob white. Usually bears two ears to a stalk. Pkt. 10 cts., $\frac{1}{2}$ pt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.

White Rice. An old standard variety that matures a little earlier than Queen's Golden. The ears are shorter; kernels deep, sharp and of a pale yellow color. Very prolific and of excellent quality when popped. Pkt. 10 cts., $\frac{1}{2}$ pt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.

IF WANTED BY PARCEL POST, ADD POSTAGE.
See Third Page Cover



Golden Bantam Sweet Corn

Sweet Corns of Special Merit

Mammoth White Cory

THE EARLIEST SWEET CORN GROWN

One of the sweetest Corns grown. Our stock of this popular extra-early Sweet Corn has been bred for earliness, size, and sweetness, and we recommend it to all our customers who specialize in extra-early Sweet Corn. Usually produces two handsome ears on each stock, 7 to 8 inches long, having 10 to 12 rows of broad, pearly white grains, tender and sweet, of the best table quality. Pkt. 10c., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.10, pk. \$2, bus. \$8. If wanted by parcel post, allow for postage. See 3d cover page.

Golden Bantam

THE EARLIEST AND SWEETEST YELLOW-GRAINED VARIETY

This variety is becoming each year more firmly fixed in popular favor because of its extremely early character and vigorous growth. It is actually the finest flavored of all Sweet Corns and is pronounced by thousands of planters the finest extra-early Sweet Corn ever grown. Golden Bantam is as distinct in flavor from that of the white varieties as in color, being almost literally "sweet as honey." It is, without doubt, the best variety of Corn we know of. Having once tasted the flavor of Golden Bantam Corn, to the connoisseur the taste of other varieties becomes commonplace. Pkt. 10 cts., $\frac{1}{2}$ pt. 12 cts., pt. 20 cts., qt. 30 cts., 4 qts. \$1, pk. \$1.90, bus. \$7. Allow for postage, if wanted by parcel post. See 3d cover page.

Bantam Evergreen

THE GREATEST SWEET CORN EVER INTRODUCED

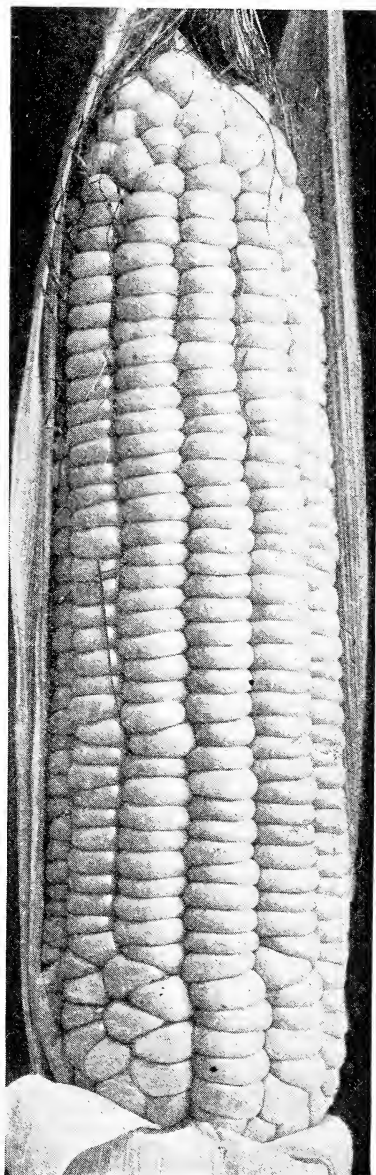
Bantam Evergreen is a late introduction of the Golden Sweet Corn, a cross between Golden Bantam and Stowell's Evergreen—and now running nearly true to type; equal to both parents in rich sweetness and tender quality. The cob is just the right size for eating. People who regard Golden Bantam as "a wee bit too small" and Stowell's Evergreen as "a bit too large," find in Bantam Evergreen the long-sought-for Sweet Corn of the right size, golden color, and superior quality. The kernels are plump, nearly as broad as Golden Bantam, and not quite so deep as Stowell's Evergreen, cream-colored, tender, sweet, and delicious. Pkt. 10 cts., $\frac{1}{2}$ pt. 12 cts., pt. 20 cts., qt. 30 cts., 4 qts. \$1, pk. \$1.90, bus. \$7. Postage extra. See 3d cover page.

Howling Mob

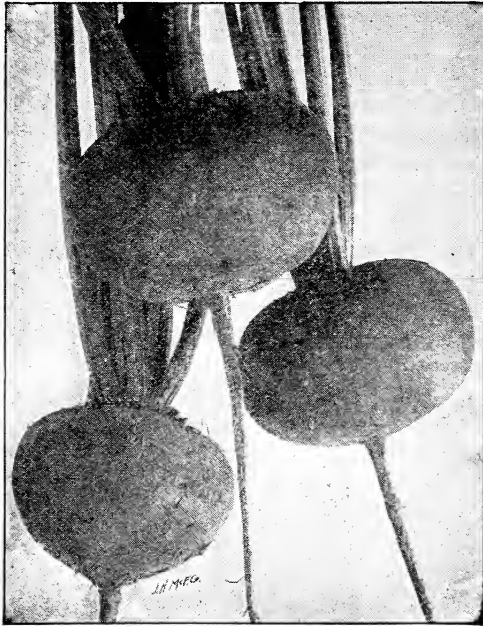
A BIG-EARED SWEET CORN EARLY IN THE SEASON

A Sweet Corn that produces, early in the season, a large ear possessing the paper whiteness and the sweet flavor of the late varieties. The stalks are strong, of vigorous growth—5 feet high—with abundant foliage, producing two good ears to the stalk. Ears measure 8 to 9 inches, with 12 to 14 rows of good-sized pearly white sugar-sweet grains.

In size and quality Howling Mob resembles the later varieties; in earliness, the extra-early varieties, coming on but a week later than Mammoth White Cory. A great Corn for the home- and market-garden. Pkt. 10 cts., $\frac{1}{2}$ pt. 12 cts., pt. 20 cts., qt. 30 cts., 4 qts. \$1, pk. \$1.90, bus. \$7. Postage extra.



Howling Mob Sweet Corn



Crosby's Improved Egyptian Beets

Table Beets

Beets are so easy to grow you should plant at least a row or two in your garden. They may be cooked and sliced for salads; buttered beets are delicious; a few jars of pickled beets will be a treat in the winter. If you like greens you will appreciate Beets and swiss chard. Sow as early as the ground can be prepared. For fall and winter use make a later sowing. Sow 1 ounce to 50 feet of drill.

Crosby's Egyptian. The best for early market; as early as the original strain of Egyptian. The Beets are fine-grained, tender and cook to a beautiful color. Fine for market. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1, 10 lbs. \$7.50.

Detroit Dark Red.

Form globular, smooth roots, with small tops; skin blood-red; flesh dark red, tender and sweet. Deservedly a popular favorite for canning, because of its extra-deep dark red color. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1, 10 lbs. \$7.50.

Mangel-Wurzel Stock Beets

Greatest milk-producing root grown

Sow in May and June, 5 to 6 pounds to an acre in rows $1\frac{1}{2}$ to 2 feet apart, and thin to 8 inches between plants

The value of Mangels for stock-feeding is clearly seen in the improved health and condition of the animals, the increased flow and quality of milk from cows, and the saving in fodder. They yield enormously and can be grown at trifling cost. About one-fourth of the daily rations should be of roots. They are also excellent feed for poultry. Read 3d page cover.

Golden Tankard. Yellow flesh; large and sweet; a heavy cropper. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., 10 lbs. \$4.

Long Red Mammoth Prize. The most popular variety; grows above ground. Attains enormous size, producing the largest tonnage per acre. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., 10 lbs. \$4.



Giant Lucullus Swiss Chard

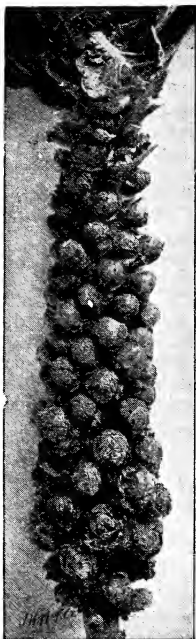
Swiss Chard, or Spinach Beet

GIANT LUCULLUS (Crumpled-leaved Swiss Chard). A new variety with larger stems and closely crumpled leaves. The leaves, instead of being smooth, are deeply and closely crumpled, similar to a savoy cabbage. Yields a constant crop from July until winter. The leaves of Swiss Chard are used for greens the same as spinach or beet tops. Sow early in spring, in rows 16 inches apart, and thin out to 6 inches apart in the rows. Can be used all summer. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1, 10 lbs. \$7.50.



Long Red Mammoth Prize Mangel-Wurzel

DO YOUR SEED BUYING EARLY, FOR A SEED STORE IN APRIL OR MAY IS LIKE A TOY STORE ON THE NIGHT BEFORE CHRISTMAS



Brussels Sprouts

Asparagus

Giant Argenteuil. Of all the varieties that we have tried, this has been found to excel, both from a point of productiveness, tenderness, earliness, and resistance to diseases. It is the one variety that succeeds well in all soils and climates. Color pure white, with a greenish purple tip. Pkt. 5 cts., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.

Asparagus Roots

Supplied after April 1. Use about 4,000 plants to an acre. Tied in bunches of 50 each.

Giant Argenteuil. 2-year-old plants, 50 cts. per doz., \$1.50 per 100, \$10 per 1,000.

If by mail add postage as follows: Doz. 10 cts., 100 25 cts.

Brussels Sprouts

Carter's Perfection. A species of cabbage; cultivation is the same. A new

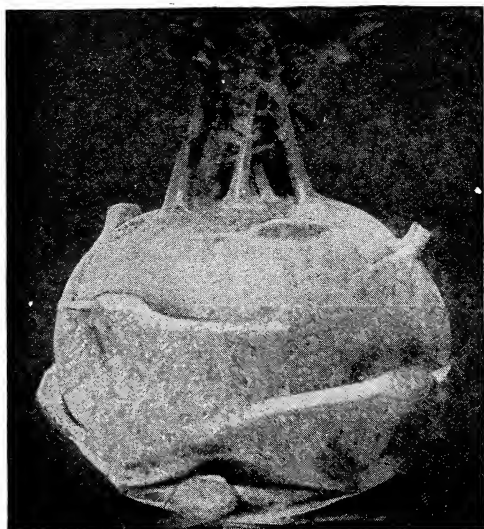
variety of fine quality and compact growth. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. \$1, lb. \$2.50.

Corn Salad

Large Green-Cabbaging. Liked as a substitute for lettuce. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Kohlrabi TURNIP-ROOTED CABBAGE

It is regrettable that this splendid vegetable is not more widely used. We would suggest that you give it a trial and, if pleased with it, recommend it to your friends. The edible part is the turnip which grows above the ground. Prepared and served like turnips. Two varieties, **White and Purple Vienna**. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



White Vienna Kohlrabi

Carrots TABLE VARIETIES

There is a great variation in the strain of Carrot seed offered, and it will pay you to buy stocks that are true to type in shape and color. Our trial-ground tests showed our stocks to run remarkably even, roots being smooth and of rich color. Carrots are so easy to grow that every garden should have at least a short row.

Liberal packets, 5 cts. each

Danvers Half-Long. The best sort for the family garden; grows 6 to 8 inches in heavy soil; roots dark orange in color. $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1, 10 lbs. \$8.

Chantenay Half-Long. Medium early; roots smooth, bright orange and of fine quality; stub nose; excellent market sort. $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1, 10 lbs. \$8.

Improved Long Orange. Excellent for stock or table use; roots deep orange, 12 to 15 inches long, in rich soil. $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1, 10 lbs. \$8.

Oxheart, or Guerande. Roots short and thick. $\frac{1}{2}$ oz. 10 cts., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1, 10 lbs. \$8.



Danvers Half-Long Carrot

Dandelion

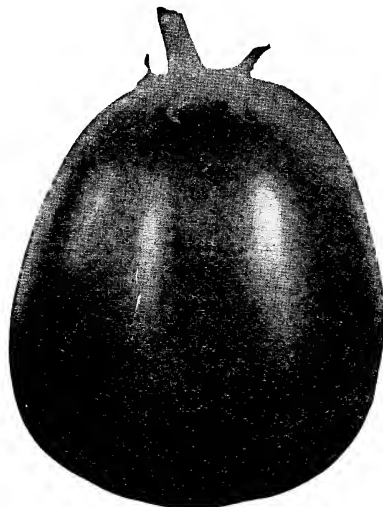
Improved Broad-leaved. A new strain, highly recommended for market-gardens. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50, lb. \$8.

Cultivated, or French Common. Pkt. 5 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Garden Cress

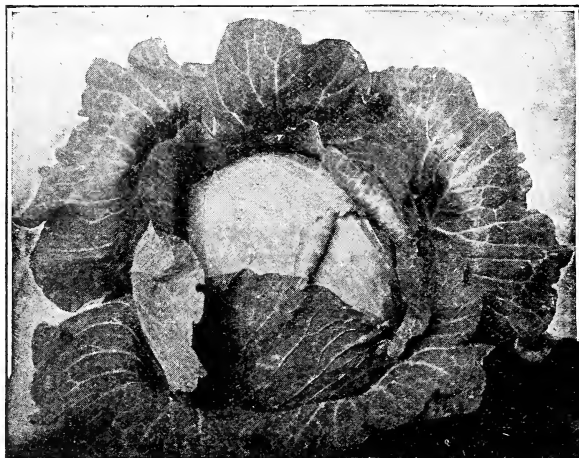
Extra-curled, or Pepper Grass. Its very desirable pungent taste is acceptable to most anyone who is fond of garden greens and garnishes. It is eaten as gathered, prepared with either a little salt and vinegar, or without; makes a very tasty salad. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts.

Water Cress. Pkt. 5c., $\frac{1}{2}$ oz. 20c., oz. 30c., $\frac{1}{4}$ lb. \$1.



Eggplant, Black Beauty

The earliest large variety. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5.50. Read 3d page cover.



Copenhagen Market Cabbage

Burpee's All-Head Early. Deep flat heads; sure header. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 10 lbs. \$20.

Charleston Large Wakefield. Large pointed heads. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 10 lbs. \$20.

Danish Ballhead. Very best winter sort, round head. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, 10 lbs. \$22.50.

Danish Round Head. Very hard and heavy, short stem. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, 10 lbs. \$22.50.

Early Flat Dutch. A good early variety. Pkt. 5c., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 10 lbs. \$20.

Henderson's Early Summer. Standard variety. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Houser. A large, solid heading, late sort, quite thick through. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Cabbage

New Early Copenhagen Market

The type is thoroughly fixed, the heads maturing all at the same time, this being a great consideration to market-gardeners, entailing less labor in harvesting the crop, and allows the ground to be cleared at the first cutting. The heads average about 8 pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield to the acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants can be set closer than other varieties of similar size. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, 10 lbs. \$30.

Premium Late Flat Dutch. The most popular late Cabbage grown. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 10 lbs. \$20.

Early Jersey Wakefield (Rice's Selected). Extra early. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 10 lbs. \$20.

Early Winnigstadt. The heads are cone-shaped; a very popular variety. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 10 lbs. \$20.

Rice's Surehead. Finest late Cabbage. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 10 lbs. \$20.

Red Rock (Henderson's Mammoth). Best red sort. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 10 lbs. \$20.

Savoy Perfection Drumhead. Best of the Savoy. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 10 lbs. \$20. Read 3d page cover.

Chinese Cabbage (Pe-Tsai)

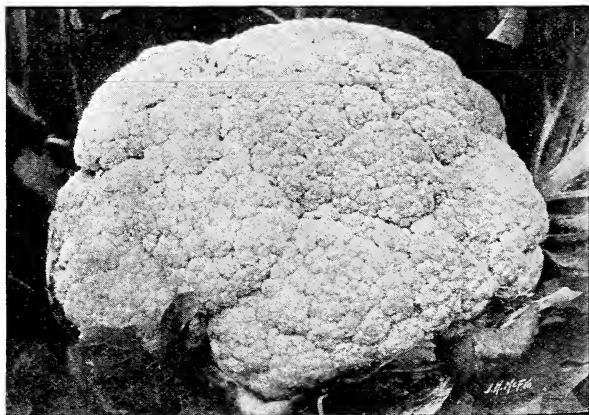
A NEW VEGETABLE WHICH SHOULD BE GROWN IN EVERY GARDEN

This delicious vegetable is also known as "Celery Cabbage," "Chinese Lettuce," etc. It is a species of Cabbage with a fine, delicate flavor, resembling a stalk of celery more than a Cabbage head. It is as tender as head lettuce, with a mild and delicate flavor; excellent as a salad or cole-slaw, and if cooked quickly (being very tender) it is much better than Cabbage or turnips.

It is a cool-weather plant, being sensitive to extremely hot weather and can be grown to best advantage in early spring and fall. The plants should be transplanted when small, same as late Cabbage, allowing 18 to 20 inches between plants. You should try it this year. Pkt. 10c., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts.

Cauliflower, Henderson's Early Snowball

This is undoubtedly the finest variety ever introduced; it is the earliest, and produces beautiful snow-white heads of the most delicious flavor. A splendid market variety. The seed we offer is pure and genuine, and sure to prove satisfactory. The culture of Cauliflower is very similar to that of cabbage. It is best to select new ground, as it does not succeed where other vegetables have been grown year after year. Pkt. 15 cts., $\frac{1}{8}$ oz. 45 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.



Henderson's Early Snowball Cauliflower

One ounce of Cauliflower or Cabbage Seed will make 3,000 plants

Giant Pascal Celery

THE FINEST-FLAVORED CELERY GROWN

Giant Pascal is, without doubt, the best Celery for the home market. Has a fine, nutty flavor; is crisp, tender, and a good keeper. Unfortunately, this grand Celery requires careful attention during the growing season. It, as well as other Celery, must be sprayed early and often to prevent blight and keep in control the Celery beetle. This variety should not be transplanted to the field until the first of July. It is a winter Celery and not suited for summer or early fall use. The ground should be well prepared, fairly fertile and fertilized heavily with acid phosphate and potash. If the ground contains too much nitrogen, Celery will grow too rank and become hollow. Our stock of Giant Pascal is the best obtainable, high grade and pure bred, grown by the most careful Celery specialist in France. Our other varieties are equally well grown and pure bred. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Garrahan's Easy-blanching Celery

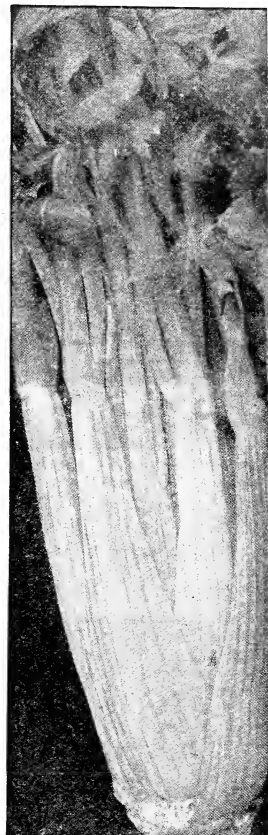
EASY TO GROW—EASY TO BLANCH—EASY TO KEEP

A new variety of Celery with remarkable easy-blanching characteristics. Even those who have never been successful in growing good Celery may plant it with the assurance that the crop will equal in quality and appearance any Celery grown by the professional growers; and it will be found useful both for early use and for keeping during the winter months, characteristics which are extremely valuable in a Celery to be grown in the home-garden.

The plants make a quick, healthy growth and the stalks are thick, very tender and brittle, with a rich flavor which will quickly appeal to all who eat it. The ease with which it may be blanched, together with its long season for use, will strongly recommend it to the amateur gardener as well as the commercial Celery-grower. Pkt. 25 cts., $\frac{1}{4}$ oz. 65 cts., oz. \$2, $\frac{1}{4}$ lb. \$6, lb. \$20.

Sanford's Easy-blanching.	A commercial Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
strain of Easy-blanching Celery...	$\frac{1}{2}$ oz. 40c.	\$0 10	\$0 65	\$7 50
Dwarf Golden Heart. An excellent variety ...	05	35	\$0 75	2 25
Dwarf Golden Self-blanching. French-grown.	10	65	2 00	
Improved White Plume. Early; silvery white.	05	35	75	2 25
New Rose. Best of all red varieties; fine keeper.	05	35	75	2 25
Winter Queen. Winter variety; very reliable ..	05	35	75	2 25

ONE OUNCE OF CELERY SEED WILL PRODUCE 7,000 PLANTS



Giant Pascal Celery

Cucumber

One ounce will plant 50 hills;
two pounds will plant an acre

Davis Perfect. The long, even fruits are of fine form, with an intensely dark, rich green skin; has very few seeds; solid, white flesh, of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market—often being taken for “hothouse-grown.” Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Early Fortune. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits 8 inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Snow's Perfected Pickle. The most symmetrical, best formed and productive pickling sort; early, small and dark green. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Prices of the following varieties, pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25

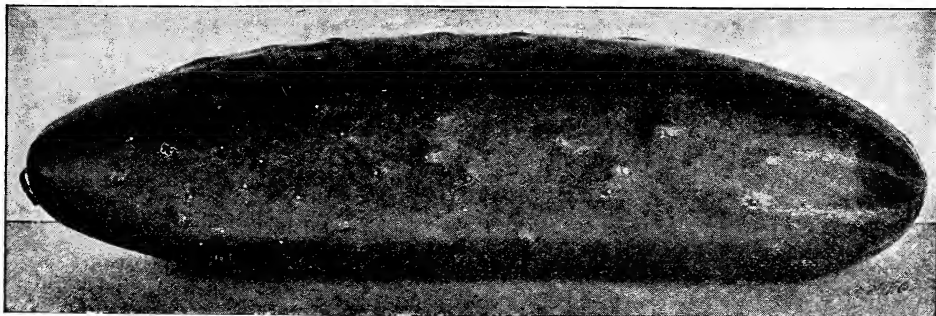
Long Green Improved. Standard sort.

White Spine, Arlington Improved. Very reliable for all purposes.

Boston Pickling. One of the best for pickling.

Fordhook Pickling. Very prolific variety.

Early Cluster. Fruit small; light green.



Davis Perfect Cucumber

Endive

One ounce will sow a row about 200 feet long
Giant Fringed (Oyster Endive). A strong-growing variety with a large white heart and broad leaves, the heads frequently measuring 15 inches in diameter. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.

Broad-leaved Batavian. Heads large, leaves broad and slightly wrinkled. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.

Green Curled Winter. Hardest variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.

White Curled. For early use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.

Spinach

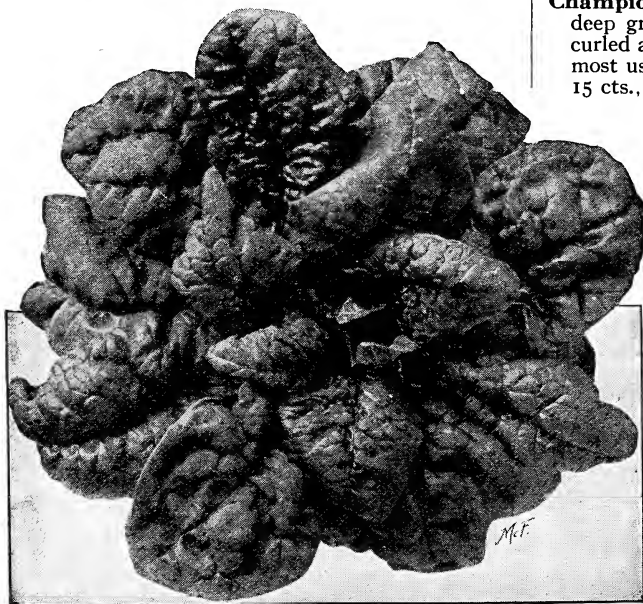
One ounce will sow a row about 100 feet long
Savoy-leaved, or Bloomsdale. Leaves are very curled and crumpled. It is early and very hardy, being splendid for fall use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 50c.
Victoria. The leaves are very dark green and of the true savoy type. It winters over better than other varieties. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 50 cts.



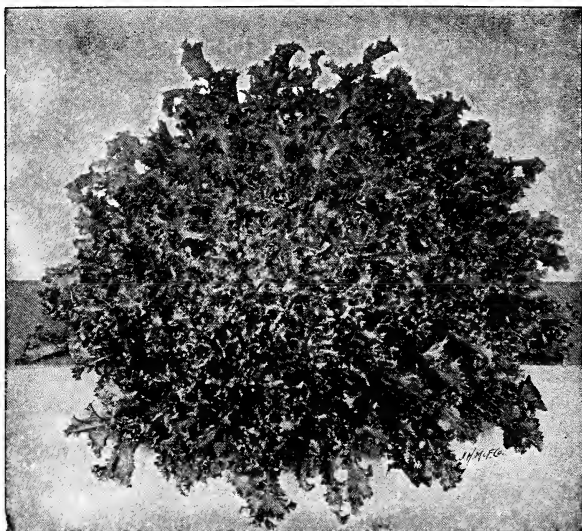
Hollow Crown Parsnips

Hollow Crown Parsnip

Standard variety. A large cropper, sugary and popular for general cultivation; tapering roots, smooth and fine grained, excellent for winter use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.



A perfect plant of Bloomsdale Spinach



Giant Fringed Endive

Pumpkin

Liberal packets, 5 cts.

Connecticut Field. The popular field variety. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 60 cts.

King of the Mammoths. The giant among Pumpkins. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

Livingston's Cushaw. Mottled green and white-striped. Oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Small Sugar. The New England pie Pumpkin. Oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Winter Luxury, or Sugar Pie. Round, medium in size, with a golden yellow skin closely netted like a netted muskmelon; of fine quality and an exceptionally good keeper. A superior pie Pumpkin. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Parsley

Champion Moss Curled. The leaves are a uniform deep green color, very finely cut and so closely curled as to resemble bunches of moss; one of the most useful and decorative sorts. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Salsify, or Oyster Plant

This plant is used as a substitute for oysters, and we like it fully as well as the oysters themselves. It is used either in soup or scalloped with best results. Before the ground freezes the roots should be dug and stored as you would other root crops. Light freezing greatly benefits the flavor.

Mammoth Sandwich Island. Pkt. 5 cts. (large pkt. 10 cts.), $\frac{1}{2}$ oz. 15 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Spray your Cucumber plants with Pyrox or Bordeaux Mixture and Arsenate of Lead as soon as they appear, then three or four times during growth. It kills the bugs and prevents blight.



May King and California Cream Butter Lettuce

Liberal packets,
5 cts. and 10 cts. each

Lettuce

One ounce will produce
1,500 plants

Our Selected Stock of Big Boston.

compact, large heading, forcing sort for coldframes. The plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth but wavy at the edge, thin, very hard and crisp. In color they are bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. *Our selected stock of this variety is uniform and true to type. No better stock can be procured at any price.* Pkt. 5 cts. (large pkt. 10 cts.), oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Black-seeded Simpson. The most popular and earliest Lettuce for the home or market-garden. It does not form a head but a compact mass of leaves, tender, crisp, and of excellent quality; stands heat and outdoor forcing. Pkt. 5 cts. (large pkt. 10 cts.), oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Early Prizehead. This old standard variety is still the best of the large, thin-leaved, clustering sorts for the home-garden, but it is not a good kind to ship long distances, as the leaves are so tender that they are easily spoiled in handling. The leaves are very large, crimped, bright green, tinged with brownish red, and are exceedingly tender, crisp and sweet, forming a large, loose head. Pkt. 5 cts. (large pkt. 10 cts.), oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Grand Rapids Forcing. This variety is especially adapted to greenhouse and hot-frame culture; it is of rapid, upright growth and may be planted close. Pkt. 5 cts. (large pkt. 10 cts.), oz. 20c., $\frac{1}{4}$ lb. 55c., lb. \$1.50.

California Cream Butter. Strictly cabbage-heading and very slow to seed. Head compact, firm and well blanching; color dark, rich, glossy green; quality excellent; very buttery, sweet and with thick, soft leaves of much substance. Pkt. 5c. (large pkt. 10c.), oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.25. (See illustration.)

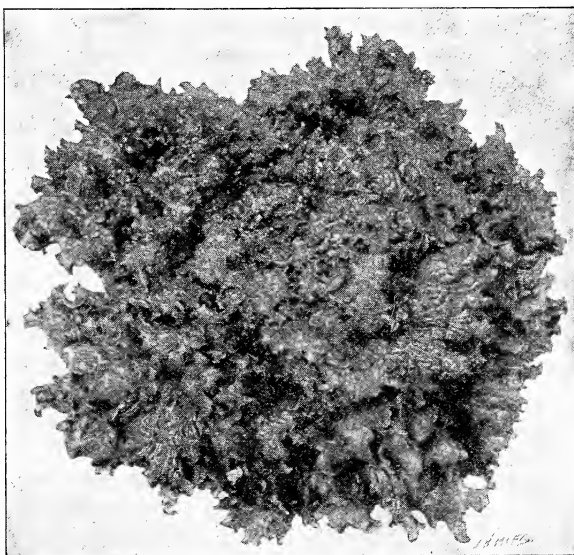
May King. Heads extra large and solid; green outside, but heart clear yellow; very desirable. Pkt. 5 cts. (large pkt. 10 cts.), oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Crisp as Ice. A slightly elongated, medium-sized, compact-heading variety; leaves very broad, somewhat blistered and crumpled, and very thick and stiff; outer leaves variegated dark brown and green, the brown predominating; quality excellent. Pkt. 5c. (large pkt. 10 cts.), oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Hanson Improved. Extensively grown by market-gardeners, as it is always sure to make large, handsome heads of excellent quality; inner leaves white. Pkt. 5c. (lge. pkt. 10c.), oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.25.

Iceberg. Exceedingly crisp and tender, heads tightly folded and blanching to a beautiful white. Outer leaves crinkled and light green, growing closely up around the head. Pkt. 5 cts. (large pkt. 10 cts.), oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Paris White Cos, or Romaine. Blanching very nicely; upright grower. Pkt. 5 cts. (large pkt. 10 cts.), oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.



Black-seeded Simpson Lettuce

Extra-Early Osage Muskmelon AN EXTREMELY EARLY HIGH-QUALITY MELON

A PROFITABLE VARIETY TO GROW FOR MARKET AND A DESIRABLE MELON FOR THE HOME GARDEN

The Extra-Early Osage Melon combines all the excellent qualities of its parent, the Osage or Miller's Cream, with real earliness, being a week to ten days earlier than the original Osage. In fact, with the exception of the Knight Melon, is about the earliest variety in our trial-grounds. It is but a trifle smaller in size than its parent, has deeper colored flesh, a smaller seed cavity, and is more heavily netted. A handsome melon and as good as it looks, as the many visitors to our Grass Lake, Michigan, Seed Farms during melon season will testify. One ounce will plant about 80 hills. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Extra-Early Knight (Sweet Air). An extremely early medium-sized melon of the Acme type. Fruit oblong, showing the neck tendency of its parent, distinctly ribbed and closely netted; flesh fairly thick and very sweet, color medium green blending to light pink near the center. The earliest high-quality melon for the Far North and a good shipper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Burpee's Netted Gem, or Rocky Ford. Flesh light green. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Emerald Gem. Standard variety; skin emerald-green. Flesh luscious and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Hacksack, or Extra-Early Improved. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Jenny Lind. Extra early; small; green-fleshed. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Tip-Top. Deep salmon-color; sweet and spicy. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Watermelon

One ounce will
plant 50 hills

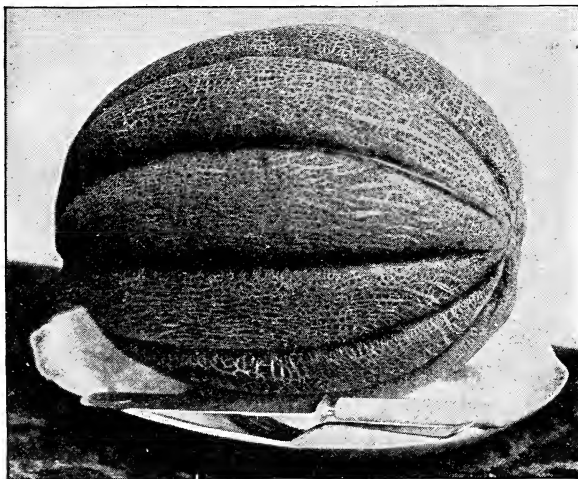
Tom Watson. Splendid, both for home-garden and shipping; shape long; color dark green; flesh bright red and very solid. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Kleckley Sweets, or Monte Cristo. Oval shape. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Cole's Early. Medium size, nearly round. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Fordhook Early. Nearly round; flesh bright red. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Halbert Honey. Skin dark green; very sweet. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.



Extra-Early Osage Muskmelon

Pepper

One ounce will produce 1,500 plants

PERFECTION PIMIENTO (The Sweet Salad Pepper). This is the "Perfection" of all the strains of the Pimientos. It is the mildest of all Peppers, deliciously sweet and free from all pungency. When ripe it is a beautiful scarlet-red, distinctly top-shaped, a big yielder, very reliable. Pkt 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5. (See illustration from photograph.)

Ohio Crimson Giant. This new Pepper has proved to be one of the best of the large-fruited sweet varieties. It is as large as Chinese Giant, and much earlier and more prolific. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2, lb. \$7.

Chinese Giant. The largest and finest mild red variety. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.

Large Bell, or Bull Nose. Large, mild, and thick-skinned. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Long Red Cayenne. A small, long, bright red sort. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Mammoth Golden Queen. Pkt. 10 cts., oz. 60c.

Ruby King. Flesh is thick, sweet, and mild. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Turnip

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.,
except where noted

Purple-Top Strap-Leaf. Best-known variety.

Purple-Top White Globe. A popular sort.

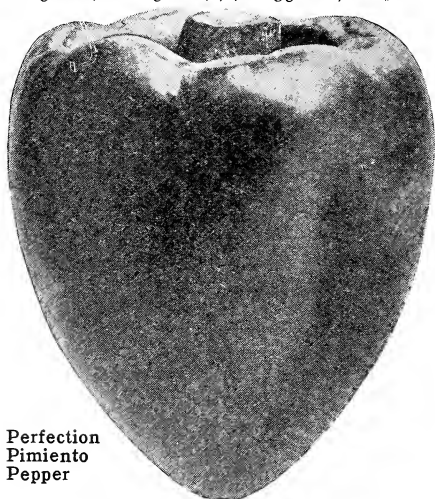
White Egg. Pure white; egg-shaped; early or late.

White Globe. White, round, large cropper.

Extra-Early White Milan. Probably the earliest of the flat Turnips. Both skin and flesh are pure white; flavor is mild and sweet. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Amber Globe. Excellent for table. Flesh yellow, firm, and fine-grained. A good keeper and cropper.

RUTABAGA, Improved American. Purple top, yellow skin. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.



Perfection
Pimiento
Pepper

Onion Seed

One ounce will plant 100 feet of drill; 5 to 6 pounds in drills for an acre. For sets, from 50 to 60 pounds should be sown to the acre, according to the richness of the soil

Liberal packets, 5 cts. each

Yellow Globe Danvers, Our Finest Strain. This is the product of years of careful selection, and is the most perfect type of the Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. This, our special strain, is all grown from selected, hand-picked bulbs, none but those perfect in size and shape being set for seed, and the product will be just as perfect in all points. Oz. 25c., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Yellow Globe Danvers. Undoubtedly the best known and most popular of all Onions; the earliest yellow variety; is entirely free from stiff necks. Globular in shape; has a small top. It is the most productive, producing as high as 1,000 bushels to the acre, and will average on good soil, with proper culture, 700 to 800 bushels. Oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Prizetaker. This variety excels every Onion now existing in beauty, size and productiveness, and equals the best in quality. The color is a bright straw, and it always grows to a uniform shape, which is nearly a perfect globe. Our seed is the choicest American-grown, and not imported Spanish King as sold by some dealers at low prices under the name of Prizetaker. Oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Large Red Wethersfield. Onion-growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form; skin deep purplish red; flesh purplish white. Oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

Onion Sets

THE REASON FOR PLANTING ONION SETS

Our Globe Onion Sets will produce Onions much earlier than by sowing the seeds, which frequently permits the planter to sow another crop on the land the same year. For green or bunch Onions, sets will produce a crop in half the time it takes to raise them from seed. Plant Onion Sets and Tops near the surface in drills 12 inches apart and 4 inches in the rows. They require the highest culture to obtain the best results. Qt. 25 cts., bus. market price.

Philadelphia Yellow Dutch, or Strasburg. The sets of this variety grow round, plump and bright. Full-sized Onions are somewhat flattened; flesh pure white, mild-flavored and an excellent keeper; skin bright yellow. Oz. 25c., $\frac{1}{4}$ lb. 65c., lb. \$2.

White Queen Pickling. A very good early-maturing pickling Onion. Pure paper-white; from 1 to 1 $\frac{1}{2}$ inches in diameter; of very mild and delicate flavor; fine for bunching for the early market; also for pickling. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.25.

Southport Large Red Globe. Large and handsome, globe-shaped, and in color a purplish crimson. It is a good keeper and always realizes high prices. Oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Southport White Globe. A large, globe-shaped Onion; firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3. (See illustration below.)

Southport Yellow Globe. Like the well-known White Globe except in color of skin; of large size. An excellent keeper; fine for market. Oz. 25 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.

White Portugal, or Silverskin. A large, flat, white Onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling. Oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$2.75.



Southport White Globe Onions

Radishes

One ounce will sow 100 feet of drill

The small, round, short-top Radishes of the red- and white-tipped sorts are the quickest in maturing. Of the white varieties, Long Icicle is supplanting all other varieties because of its excellent, superior quality. French Breakfast is the ideal olive-shaped Radish. The summer varieties are the Long Chartier, White Strasburg and Lady Finger. The most popular of the winter varieties is the White Chinese (Celestial), producing large roots, clear white in color.

Radishes to be crisp and tender, must be grown quickly in rich, loose soil and gathered before reaching full size, as they soon become soft and pithy; this is especially so of the small, turnip-shaped varieties—the long varieties will “stand longer.” Seed should be sown thinly in drills when the trees are starting in leaf, and successive plantings made one week apart.

Prices, except noted, pkts. 5 and 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.

Scarlet Button (Burpee's Earliest). Excellent forcing and open ground Radish.

Long White Icicle. The finest white variety.

Early Scarlet Turnip, White-tipped. Popular. Early, crisp and tender.

Sparkler White-tipped. The white extends further up on the Radish and on this account is more popular in some markets.

White Strasburg. One of the most popular summer sorts. Roots long, quite thick.

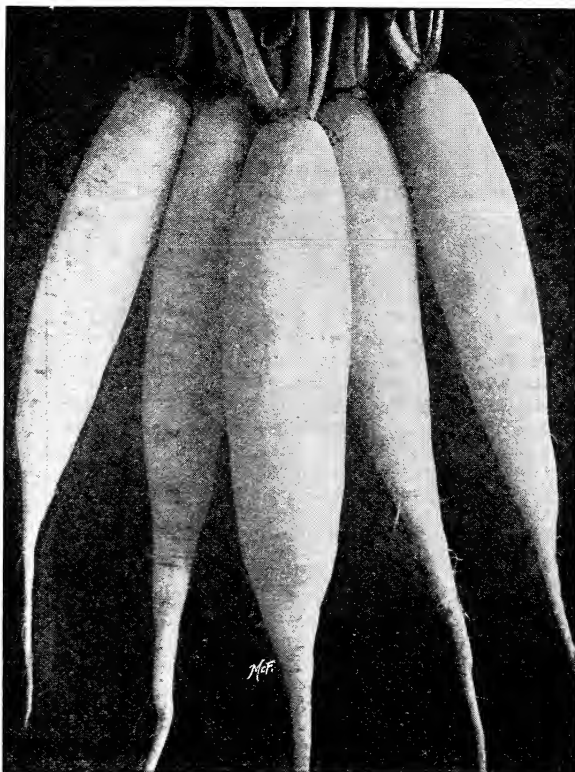
Vick's Scarlet Globe. We have an exceptionally fine stock of this superb variety. It is one of the very earliest of the forcing Radishes and does equally well outside; roots are of fair size, globe-shaped and with a small top; always crisp and tender; color a bright scarlet.

French Breakfast. Pink and white, olive shaped.

Long Scarlet Short-Top. Most popular, early.

Long White Lady Finger. Fine for summer.

Long Chartier. Tender and crisp, best for summer.



Long Icicle Radishes

Crimson Giant. Best Radish for hot-weather culture. Roots are 2 inches in diameter, hard and firm.

Long Black Spanish. For fall and winter.

Rose China Winter. For fall and winter use.

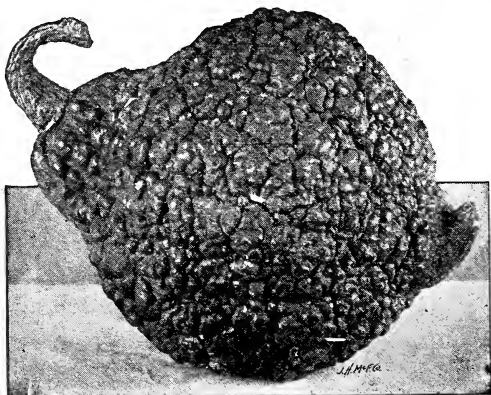
White Chinese, or Celestial. For fall and winter.

Philadelphia White Box. Beautiful, white, round.

Squashes

The Squashes are a very desirable addition to the garden—those who love a tempting, luscious dish will find the Summer Squashes indispensable. A deeper conviction of the importance of growing our own winter vegetables has become emphasized since home gardening played such an important part in the successful termination of the war. The Hubbards and other varieties of Winter Squashes are easily stored and very palatable when cooked, and make delicious pies when the thermometer hovers around zero.

Liberal packets, 5 cts. each



Warted Hubbard Squash

DELICIOUS. A fall winter sort, top shaped, dark green but sometimes of a lighter shade, flesh orange, very dry and delicious. Oz. 20c., ¼lb. 50c., lb. \$1.75.

Boston Marrow. Fine fall variety, flesh yellow and firm. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

Mammoth White Bush, Scalloped or Patty Pan. Early. Summer. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

Golden Summer Crookneck. One of the earliest summer varieties. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

Warted Hubbard. The standard Winter Squash. A superior strain. Oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Golden Hubbard. Earlier than Warted Hubbard; equal in quality. Oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Fordhook. Small, oblong, excellent for summer or winter; yellow; flesh very thick; extremely dry and sweet. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.25.

Mammoth Chili. The largest variety, attaining under high cultivation an enormous size. Oz. 15 cts., ¼lb. 45 cts., lb. \$1.50.

Tomato

One ounce will produce 1,500 plants
Liberal packets, 5 cts. each

Earliana, Extra - Early. (Selected Stock.) Our special strain of this well-known early Tomato has been selected by an expert for earliness, making it possible for the grower to take advantage of the highest market. Oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Chalk's Early Jewel. Within 2 weeks as early as the famous Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a sure cropper. Oz. 35 cts., $\frac{1}{4}$ lb. \$1.

John Baer. An early, productive, red Tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety. Oz. 35c., $\frac{1}{4}$ lb. \$1.

Red Rock. A very fine selection of the Matchless type; medium early, round, smooth, and bright red; makes a good canning variety. Oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

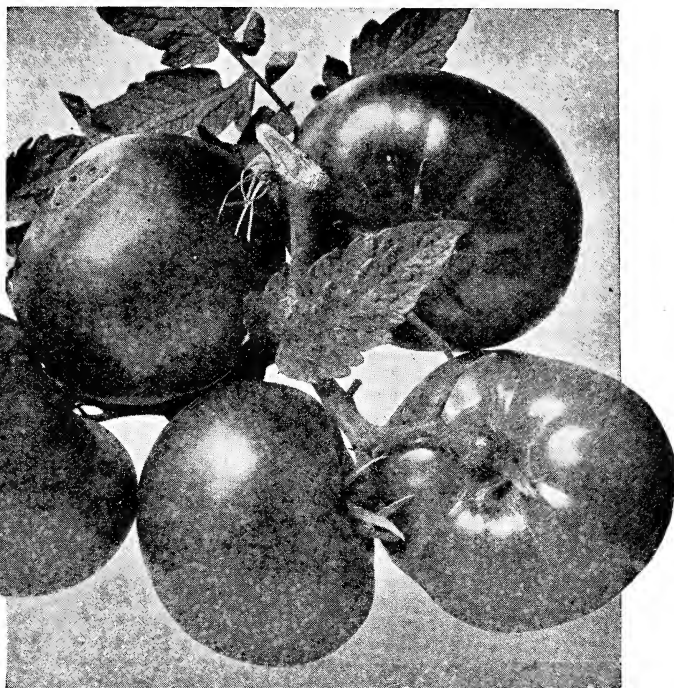
New Stone. A great favorite with gardeners; the heaviest and most solid-fruited of the large Tomatoes of good quality. Oz. 35c., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Dwarf Stone. As early and nearly double the size of Dwarf Champion. Oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.

Crimson Cushion, or Beefsteak. Crimson; extra large. Oz. 60 cts., $\frac{1}{4}$ lb. \$1.75.

Ponderosa. Very large, solid and of good flavor; specimens have been grown to weigh 4 pounds; color bright red. Oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$5.

Truckers' Favorite. The finest, large, purple-fruited sort. Oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

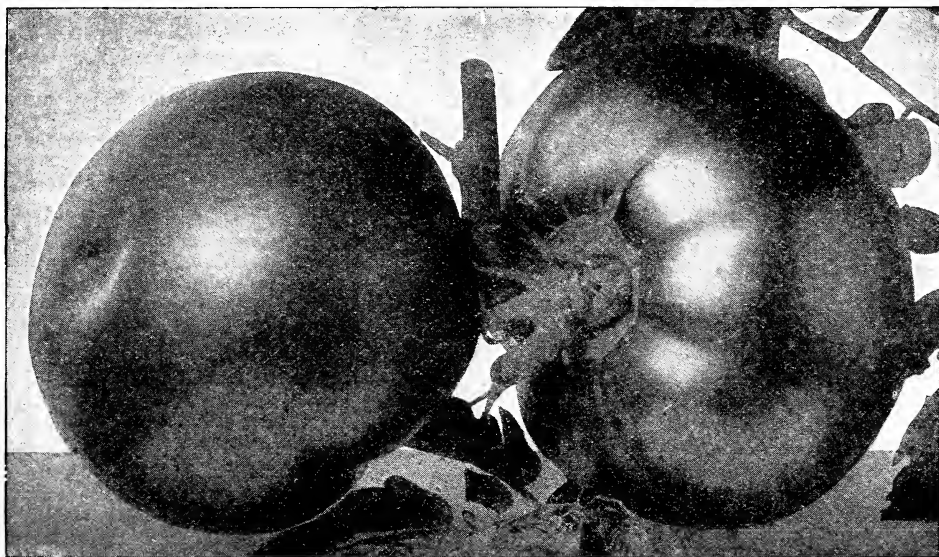


Bonny Best Early Tomatoes

This variety is a vigorous grower; enormously prolific. In shape it is slightly flattened but thicker through than most other Tomatoes. In color it is a beautiful scarlet-red, setting its fruit in clusters of five or more at close intervals. Makes a magnificent variety for slicing. A good early red-skinned variety for all purposes. Oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.

Dwarf Champion. Distinct in foliage and habit of growth, being compact and upright; fruit smooth; purplish red. Oz. 35c., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Golden Trophy, Pear-shaped Red and Pear-shaped Yellow, Red Cherry. Oz. 35 cts.



Red Rock Tomatoes

Spencer or Orchid-flowered Sweet Peas

The best of the old-fashioned or Grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round open flowers of extraordinary size, usually measuring 2 inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are just as easy to grow as the Grandiflora varieties.

Asta Ohn. Large, waved, lavender; suffused with pink.

Clara Curtis. Large, waved, primrose variety.

Constance Oliver. Standard peach-blossom pink, wings bright rose; flowers very large, waved.

Countess Spencer. A lovely clear rose-pink, shading deeper at the edge.

Elfrida Pearson. Large; waved; blush-pink.

George Herbert. Very large, waved; carmine-rose.

King Edward Spencer. Bright crimson-scarlet; the best of its color.

Margaret Madison. Standard bluish violet, wings lavender-blue; flowers large, waved.

Nubian. Deep maroon; flowers large, waved.

Thomas Stevenson. Rich orange-scarlet; very large, waved flowers.

White Spencer. Large, waved, pure white, fragrant flowers.

Large pkt. 10 cts., oz. 25 cts., 1/4 lb. 85 cts.

Spencer or Orchid-Flowering Mixture

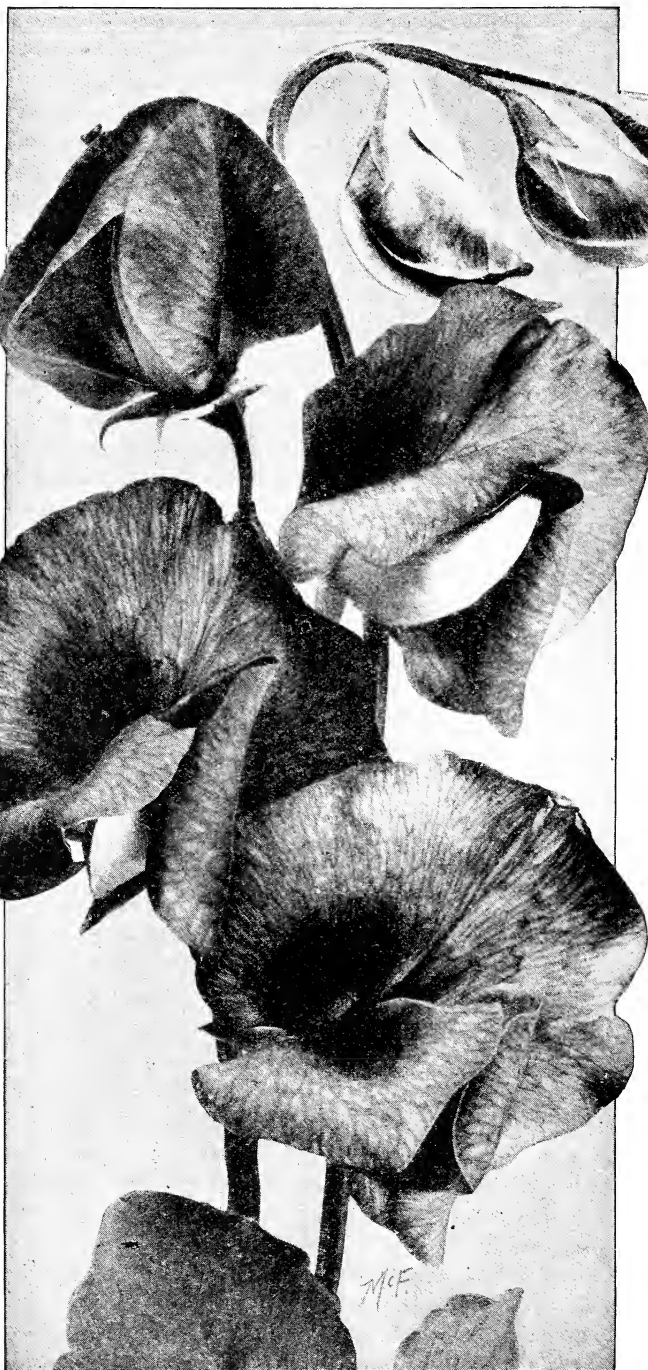
Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades. The flowers, which are borne on long stems, are large and wavy. Free flowering. We are sure this mixture will give absolute satisfaction. Large pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.25.

Chaapel's Gilt-Edge Sweet Pea Mixture

Our customers usually prefer a mixture where all classes are represented, the lighter shades, including pink, white and lavender, being especially prominent. We secure this most satisfactory result by blending some of the choicest Grandiflora sorts with the Spencer varieties, embracing every desirable color and shade. No better Sweet Peas for general cultivation can be produced at any price. Large pkt. 10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1.25.

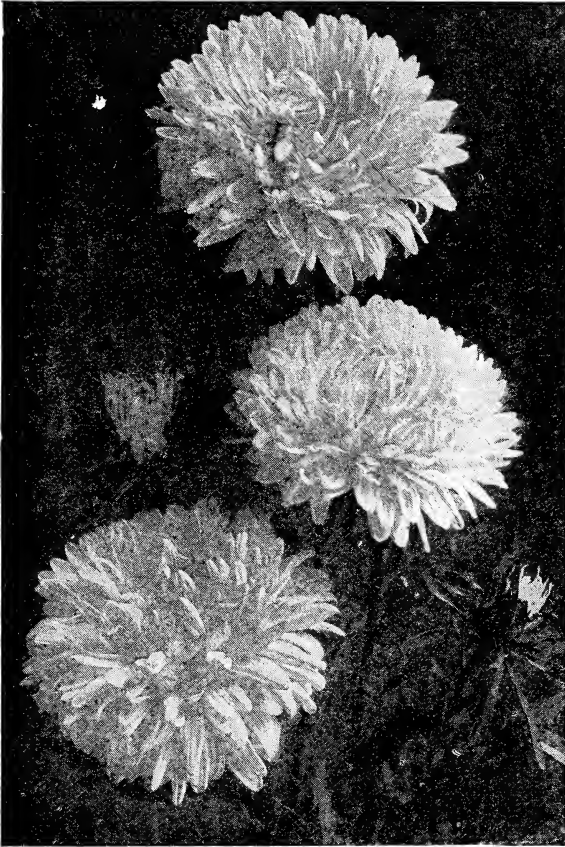
Choice Mixed Colors

All bright colors, assorted in proper proportions to give splendid satisfaction. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. \$1.



Giant Spencer or Orchid-flowering Sweet Peas

Chaapel's Superb Asters



Chaapel's Superb Long-branching Asters

Special Long-branching Mixture

BRILLIANT FLOWERS IN GORGEOUS MASSES AND BEDS. BEAUTIFUL AS CUT-FLOWERS IN VASES

The Long-branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we now grow them, are double to the center. There are other Asters, exquisite in form and delicate in color; but the Long-branching Aster is still the leading Aster in all the flower markets in the country and still holds the first place in the garden of the amateur. Our Improved Strain has been secured after many years of careful selection. Large, perfectly double flowers on long stems. Pkt. 10 cts., 3 pkts. 25 cts., 1/4 oz. 50 cts., oz. \$1.50; small pkt. 5 cts., 6 pkts. 25 cts.

We offer 5 distinct and beautiful colors of the **Long-branching Asters** at same prices as the above Special Mixture.

Shell-Pink
White
Lavender

Rose-Pink
Purple
Crimson

Special prices to florists and gardeners who grow for market.

Of all the flowers in the garden, none will give more genuine satisfaction than the Aster. The early sorts begin in midsummer and the late varieties carry the garden well into chrysanthemum time.

New Crego Aster

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. The flowers are very large, often measuring 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length. Though the flowers are large, they are produced in abundance.

White Rose-Pink Purple
Shell-Pink Lavender Mixed

Pkt. 10 cts., 3 pkts. 25 cts., 1/4 oz. 50 cts.

Queen of the Market

Largely grown by commercial florists for cut-flowers and for early market. The plants have an open, spreading habit, and the large, double flowers have a loose and graceful appearance. Seed should be sown quite early in the house.

White Pink
Light Blue Mixed

Pkt. 10 cts., 3 pkts. 25 cts., 1/4 oz. 35 cts.,
oz. \$1.25



New Crego Aster

Popular Flower Seeds

That Bloom the
First Season

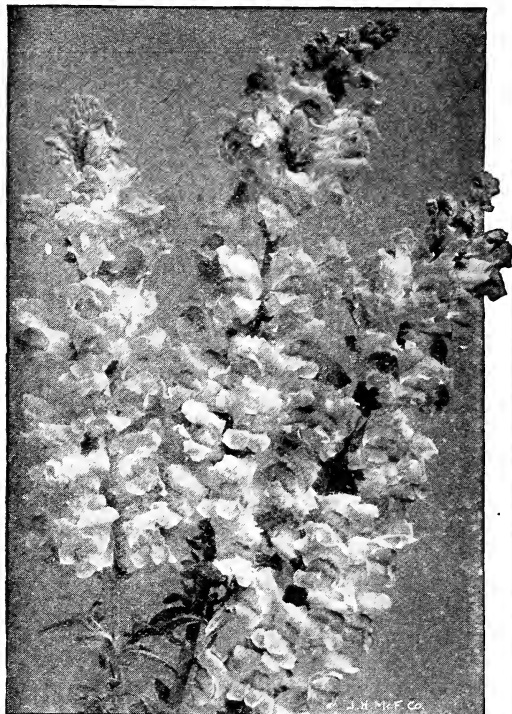
These are all easily grown and will bloom freely and give you a great variety of color and delightful fragrance throughout the summer season.

Except where noted, all varieties, pkt. 5 cts., 6 pkts. 25 cts.

ALYSSUM. One of the most popular garden flowers; remaining in bloom the entire season; used for edging or in rockeries or vases.

White Carpet. Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts., oz. 50 cts.

Sweet. The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Pkt. 5 cts., $\frac{1}{4}$ oz. 10 cts., oz. 25 cts.



Giant Antirrhinum

ANTIRRHINUM (Snapdragon). A splendid plant for beds or borders; easy to grow.

Tall, Mixed Colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

Giants, Special Mixture. Embraces a magnificent assortment of the finest new varieties. Pkt. 10 cts., 3 pkts. for 25 cts., $\frac{1}{8}$ oz. 25 cts.

BALLOON VINE. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts. •

BALSAM (Lady's Slipper). An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliantly colored, double flowers in the greatest profusion; of easy culture. Choice mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

CANDYTUFT, White Rocket. Pkt. 5c., oz. 25c.

Mixed Colors. Pkt. 5 cts., oz. 25 cts.

CALLIOPSIS. Showy and beautiful free-flowering annuals. Choice mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 10 cts., oz. 30 cts.



Sweet Alyssum

CORNFLOWER (Centaurea). These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and Kaiserblumen.

Cyanus, Blue. The favorite dark blue sort so much in demand for cutting. Pkt. 5 cts., oz. 30c.

Mixed. Blue, white, rose, etc. Pkt. 5 cts., oz. 25c.

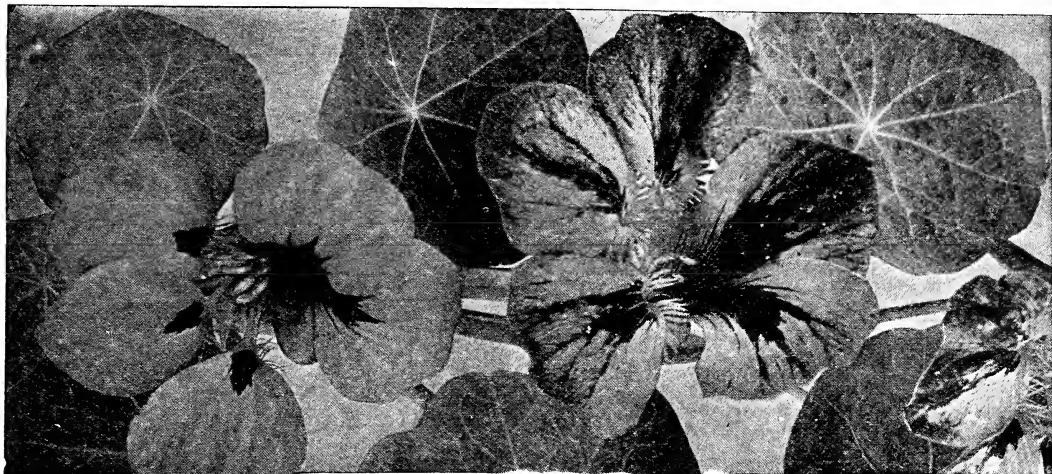
COSMOS, Extra-Early Mixed. Seed sown in the open ground early will produce plants completely covered with fine flowers two months before the late-flowering kinds. While the flowers are not so large as the late sorts, they are of good size and will undoubtedly perfect their blooms in the most northerly states. Pkt. 5 cts., large pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.



Extra-Early Mammoth-flowering Cosmos, Mixed

POPULAR FLOWER SEEDS

Except where noted, all varieties,
pkt. 5 cts., 6 pkts. 25 cts.



Nasturtiums, Gilt-Edge Mixture. See page 36

COSMOS, Mammoth-flowering, Mixed. The flowers of this improved Cosmos grow very large, often measuring 3 inches in diameter, and are of the most delicate colors, shading from pure white to deep red and purple. The plants grow from 5 to 6 feet high, and the flowers have long, graceful stems. In order to get them to flower early in the fall in this latitude the seed should be sown in pots or boxes in March and the plants set out in the open ground in May. Pkt. 5 cts., large pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 50 cts.

CYPRESS VINE. A very graceful, annual climber, with feathery foliage and beautiful, star-like flowers. Mixed colors. Pkt. 5 cts.

CLARKIA, Double Mixed. Pkt. 5 cts., $\frac{1}{8}$ oz. 10 cts.

Single Mixed. Pkt. 5 cts., $\frac{1}{8}$ oz. 10 cts.

CALIFORNIA POPPY (Eschscholtzia). An elegant hardy annual with fine-cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders. Pkt. 5 cts., oz. 30 cts.

CARNATION, Marguerite. These are deservedly the most popular Carnations with the amateur as they begin flowering in a few weeks from time of sowing.

Mixed. All colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

DIANTHUS, or PINKS. A most satisfactory class of flowers, easily raised from seed, and which are in constant bloom the entire season; fragrant.

Heddewigii (Single Japan Pink). Finest selected single-flowered. Mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Heddewigii fl.-pl. (Double Japan Pink). Colors varying from the richest crimson to the most delicate rose. Mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

DOLICHOS (Hyacinth Bean). Rapid-growing climber, bearing a profusion of bean-like flowers. Choice mixed colors. Pkt. 5 cts., oz. 15 cts.

GOURD, Ornamental. Pkt. 5 cts., oz. 20 cts.

HOLLYHOCK, Chater's Superb Double Mixed. One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet. Pkt. 10 cts.

Single Mixed. Probably the most showy of the many good old-fashioned flowers. Pkt. 5 cts., $\frac{1}{4}$ oz. 10 cts.

KOCHIA trichophylla (Summer Cypress, or Mexican Firebush). An easily grown annual which grows into a cypress-like hedge, with feathery green foliage; at the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet. Pkt. 5 cts., oz. 15 cts.



Eldorado Marigold. See page 36

POPULAR FLOWER SEEDS

Except where noted, all varieties,
pkt. 5 cts., 6 pkts. 25 cts.

LARKSPUR. Well-known annuals of great beauty and noted for the richness of their colors, particularly in the blue shades. Pkt. 5 cts., $\frac{1}{4}$ oz. 10 cts.

MOONFLOWER (*Ipomœa noctiflora*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10 cts., 3 pkts. for 25 cts.

MARVEL OF PERU, Choice Mixed (Four-o'Clock). Bushy plants of easy culture, producing hundreds of flowers during the entire summer. Choice mixed colors. Height, 2 feet. Pkt. 5 cts., oz. 15 cts.



Morning-Glories

MORNING-GLORIES. One of the most popular annual climbers.

Choice Mixed Colors. Pkt. 5 cts., oz. 15 cts.

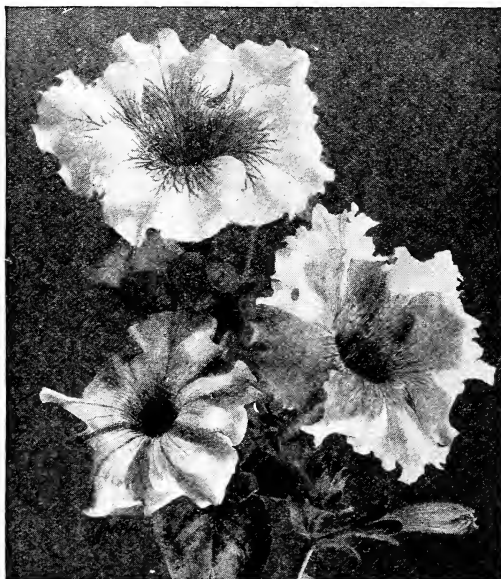
Japanese Imperial. Flowers of immense size; a great variety of colors. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts.

MYOSOTIS (Forget-me-not). An everblooming variety, beginning in May and continuing till autumn. Large, clear blue flowers in pretty sprays. Pkt. 10 cts., 3 pkts. for 25 cts.

MARIGOLD, Eldorado. Popular free-blooming garden plants of the easiest possible culture. Flowers of immense size in all shades of yellow. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

MIGNONETTE, Sweet-scented. Valuable on account of its fragrance; sow in succession during the summer. Pkt. 5 cts., oz. 15 cts.

NASTURTIUMS, Our Gilt-Edge Mixtures. Are especially rich in brilliant colors, large flowers and free-blooming qualities. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil



Petunia, Choice Mixed

Nasturtiums. Our Gilt-Edge Mixtures, continued in a well-drained, sunny position. They seem to flourish under the most trying conditions, and the more often the flowers are cut, the more profusely do they bloom. If you want large flowers and plenty of them, don't let them go to seed. (Mixed and special colors same price.) **Tall or Climbing, Choicest Mixed Varieties.**

Tom Thumb Dwarf, Mixed.

$\frac{1}{2}$ oz. 10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1.25

PANSY, Chicago Parks Bedding, Mixed. Great diversity of colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts.

Mammoth Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts.

PETUNIAS. Finest striped and blotched. **Choice mixed colors.** Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts.

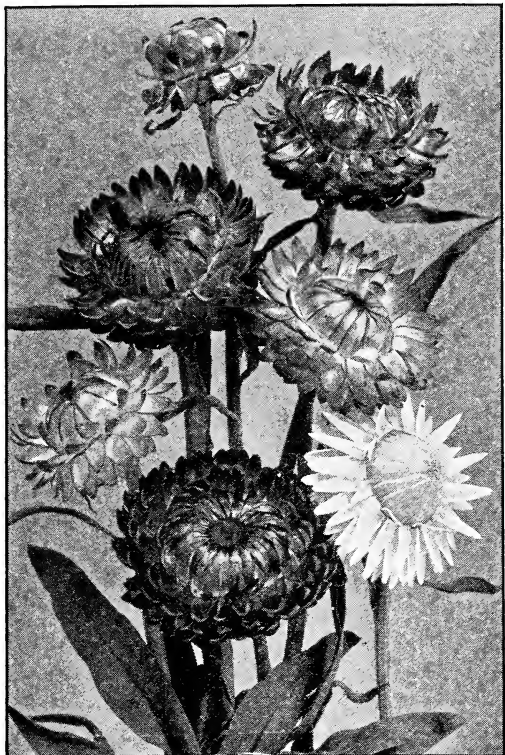
Rosy Morn. Soft carmine-pink, white throat; very dainty border plant. Pkt. 10c., $\frac{1}{8}$ oz. 75 cts.



Phlox Drummondii. See page 37

POPULAR FLOWER SEEDS

Except where noted, all varieties,
pkt. 5 cts., 6 pkts. 25 cts.



Helichrysum (Straw Flower)

POPPY, Shirley. An improved strain of Poppies, varying in color from pure white to rosy carmine and deep crimson in mixture. Mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

Carnation-flowered. Double fringed. Mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 10 cts.

PHLOX DRUMMONDII. One of our finest hardy annuals, easily grown from seed; makes a brilliant display as a summer bedding plant. Mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 35 cts.

PORTULACA, Single Mixed. Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

RICINUS (Castor-Oil Bean). Very ornamental on lawns or as centerpieces in flowering beds, such as cannas, etc. Pkt. 5 cts., oz. 15 cts.

SALVIA (Scarlet Sage). This popular and showy bedding plant should be started either in the house from February to April, or in hotbeds.

splendens. Tall-growing plants. Height, 3 feet. Pkts. 5 cts. and 10 cts., $\frac{1}{4}$ oz. 60 cts., oz. \$2.25.

SALVIA, Bonfire (Clara Bedman). Compact, bushy plants, 2 feet high, producing erect spikes of brilliant scarlet flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 75c.

STRAWFLOWER, or Everlasting Flowers (Helichrysum). Fine for winter bouquets.

Choice Mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 30 cts.

Giant Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Fireball. Bright red. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Golden Ball. Golden yellow. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Rose Carmine. Rich and glossy. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

SWEET WILLIAM (*Dianthus barbatus*). This is one of the finest hardy garden plants; of easy culture. Mixed colors. Pkt. 5 cts., oz. 30 cts.

SCARLET RUNNER BEAN. A rapid climber, 10 to 15 feet high, flowering profusely. Oz. 10c.

VERBENA. An excellent annual for beds and massing, and for a gorgeous display during the summer months it cannot be excelled.

Mammoth Mixed. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

WOOLFLOWER, Chinese (*Celosia Childsii*). This remarkable *Celosia* has plants 2 to 3 feet in height and very bushy, each branch terminating in an immense, roundish flowerhead of deep rich crimson, and having in addition numerous laterals with smaller heads of bloom, the whole forming an extremely ornamental object. None of the blooms fade in any way, until hit by frost. Pkt. 10 cts., 3 pkts. for 25 cts.

ZINNIAS (Youth and Old Age). The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite.

Tall, Mixed Colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Giant-flowering, Mixed. Our strain of this magnificent giant-flowered type is unsurpassed. It produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet and bearing on long strong stems numerous semi-globular, mostly very double flowers, all of the largest size. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts.

Giant-flowering, Scarlet. Pkt. 10 cts., 3 pkts. for 25 cts., $\frac{1}{8}$ oz. 35 cts.

Wild Flower Garden

Choice Mixed Flower Seeds. A mixture of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season. Large pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.



Giant-flowering
Zinnia

DAHLIAS

As to soil, they are not at all particular, except that in the case of a stiff clay some loose material should be added. The soil must be deeply dug, if possible to a depth of two spades, and a liberal amount of suitable plant food incorporated. For this nothing is more satisfactory than well-decayed stable manure, but where this can not be conveniently procured, pure bone meal, sheep manure, or any chemical fertilizer rich in ammonia and phosphoric acid will answer as a substitute.

The planting of dormant roots in this latitude may be done at any time between April 25 and June 15.

NOTE.—We fill all orders with strong, divided dormant roots

New and Rare Dahlias

American Beauty. The flowers are of gigantic size and are produced on long, heavy stems, well above the foliage. Gorgeous wine-crimson. 35 cts. each.

Attraction. (Hybrid Cactus.) Large, elegant, full flower, of a clear, lilac-rose. 75 cts. each.

Bianca. A new Cactus Dahlia of large size and splendid form. Coloring is beautiful rose-lilac with white shadings. \$1 each.

D. M. Moore. A shade deeper than deep maroon. 50 cts. each.

Ellen E. Kelly. Peony-flowered. A free-flowering golden yellow variety. 50 cts. each.

Dolly. (Cactus.) A rich, velvety crimson-scarlet, tipped white. \$1 each.

Etendard de Lyon. (Cactus.) Color reddish violet overlaid Tyrian rose. 75 cts. each.

Latona. An unusual blending of orange, buff, and yellow. \$1 each.

Madonna. In color a very beautiful white, very slightly tinted with a most delicate shade of lavender-pink. Each petal curling and twisting in a very pleasing manner. 50 cts. each.

Mina Burgle. Color, a glowing and most brilliant scarlet. The flowers are of perfect Decorative type. 50 cts. each.

Mrs. C. H. Breck. Color, creamy yellow passing to various shades of rose-pink. 75 cts. each.

Mrs. Ella Cline. A beautiful glistening pure white. \$1 each.

Pierrot. (Incurred Cactus.) A unique and striking novelty in color—a deep amber or orange-buff. \$1 each.

Queen Mary. The color is a soft shade of pink. 50 cts. each.

Peony-flowered Dahlias

Mrs. M. W. Crowell. Color, a beautiful orange-yellow. Very free-flowering. 25 cts. each.

Zeppelin. The color is the most beautiful shade of mauve. 50 cts. each.

Cactus Dahlias

Ambassador. Pure white. Long stems. 35c. each.

Brigadier. Bright crimson, base and outer petals scarlet-crimson. 50 cts. each.

Effective. Distinct primrose, shaded amber. 50c. each.

J. H. Jackson. The finest black Cactus Dahlia in existence. Color a perfectly gorgeous, deep velvety, blackish maroon. 25 cts. each.

Mme. Henri Cayeux. The color is a beautiful rich pink daintily tipped white. 50 cts. each.

Variabilis. Beautiful deep orange artistically tipped pure white. The petals are fringed or nicked and very gracefully incurved. 35 cts. each.

Volker. A soft clear yellow of medium size. 25c. ea.

Winsome. Pure cream-white. 25 cts. each.

Select Decorative Dahlias

Clifford W. Bruton. Canary-yellow. 25 cts. each.

Easton. A brilliant Turkish red. 35 cts. each.

Frank A. Walker. A charming shade of deep lavender-pink. 35 cts. each.

Jack Rose. The identical shade of the rose with the same name. 25 cts. each.

Oban. Mauve. Extra-fine form. 25 cts. each.

Princess Juliana. Ideal for garden decoration and unsurpassed for cutting. White Decorative. 35 cts. each.

Choice Show and Fancy Dahlias

Cuban Giant (Dr. J. P. Kirkland). Dark velvety crimson; large. Stems long and wiry. 25 cts. ea.

Les Amours de Madame. Delicate pale rose, striped scarlet. 50 cts. each.

Lucy Faucett. Pale yellow, striped deep pink or light magenta. 35 cts. each.

Maude Adams. The color is a pure snowy white, very effective overlaid clear delicate pink. 50 cts. each.

Miss Helen Hollis. Gigantic Scarlet Show Dahlia. A sensational wonder and undoubtedly the largest and best deep scarlet Show Dahlia in existence. Blossoms are on long, stiff stems, well above the foliage. 50 cts. each.

Storm King. Pure white Show Dahlia. 25 cts. ea.

Stradella. Beautiful deep purple-crimson. Exceptionally free-flowering. 25 cts. each.

Souvenir de Poesela. Exceedingly attractive. Golden yellow, changing to red. 25 cts. each.

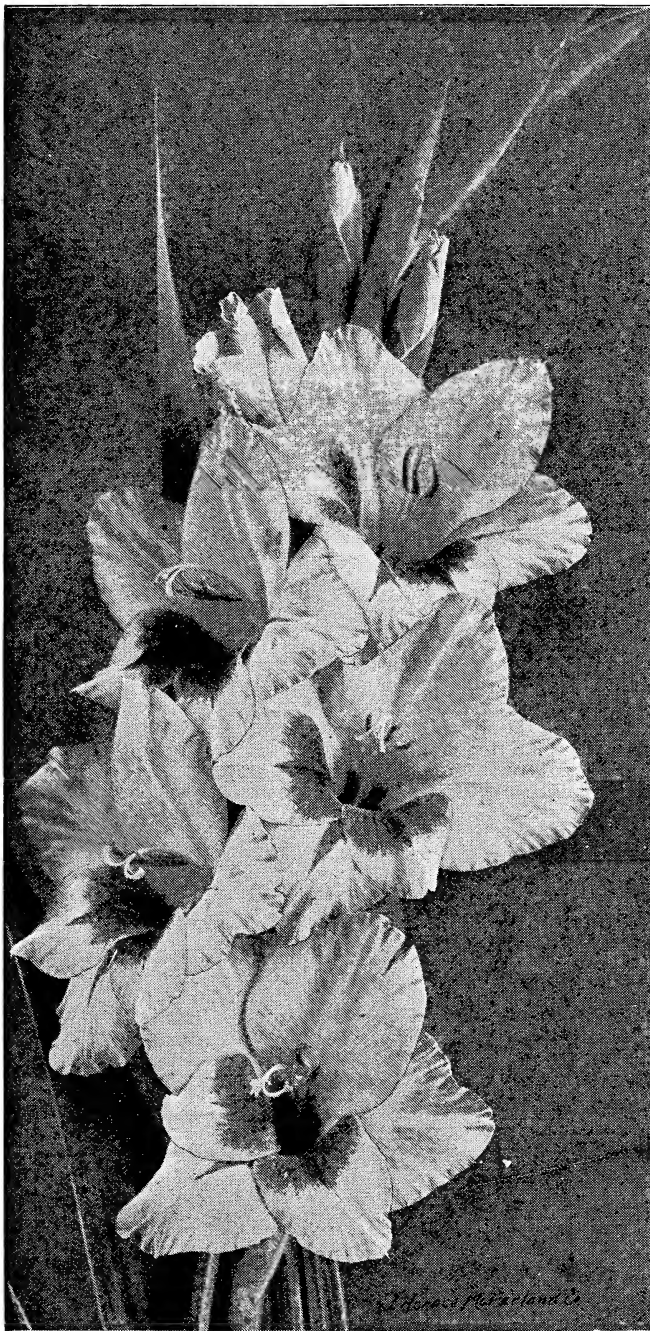
David Warfield. (New.) Alexander's gigantic new Show Introduction. In this new variety we have the best of recent introduction, a beautiful deep cherry-red. A Dahlia of extra good habit, producing its mammoth flowers upon stiff wiry stems, well above the foliage. 50 cts. each.



**NO FLOWER IS EASIER
TO GROW THAN THE**

GLADIOLUS

The most attractive of all summer-flowering bulbs is the Gladiolus. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our mixture comprises only the best. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to October, by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant 6 inches apart in beds or double rows and 3 inches deep. They are very effective when planted among roses, peonies, shrubbery, etc.



Chaapel's Gilt-Edge Gladiolus Mixture

Chaapel's Gilt-Edge Mixture of Gladioli

This superb mixture is composed exclusively of high-grade varieties, including many new and rare kinds. It embraces the greatest possible range of color. This mixture is our pride and contains the best large-flowering sorts. 5 cts. each, 40 cts. per doz., \$2.75 per 100.

11 Choice Gladioli

America. A beautiful flesh-pink, tinged with lavender. 5 cts. each, 60 cts. per doz., \$4.50 per 100.

Baron Joseph Hulot. New. Deep indigo-blue, slightly marked white at the base of the throat. 10 cts. each, \$1 per doz., \$8 per 100.

Halley. Delicate flesh-color with creamy blotch in lower petal; flowers very large. 5 cts. each, 60 cts. per doz., \$4.50 per 100.

Kunderdi Glory. Creamy white with crimson stripe in each petal. 7 cts. each, 70 cts. per doz., \$5 per 100.

Mrs. Francis King. A striking shade of light scarlet or flame-color; one of the most effective both in the border and when cut. 5 cts. each, 60 cts. per doz., \$4.50 per 100.

Niagara. Soft primrose, faint lines of lilac in the throat, with purple stamens and pale carmine stigmas. 10 cts. each, \$1 per doz.

Panama. Similar in type to America, but of a deeper shade of pure rose-pink. The flowers are large in size and well placed on tall, strong spikes. 10 cts. each, \$1 per doz.

Peace. Few varieties have become as popular as Peace. The general effect of the flower is white, with a pale lilac feathering on the interior petals. 10 cts. each, \$1 per doz.

Pink Perfection. A lovely apple-blossom shade, true La France pink with a few darker markings. A great flower on a tall spike, perfect in every detail. 10c. each, \$1 per doz.

War. Deep blood red, shaded crimson. One of the largest and finest of the red Gladioli. 10 cts. each, \$1 per doz.

Wilbrink. It retains the earliness of Halley but has a delicate pink color similar to America; of great merit. 10 cts. each, \$1 per doz.

If bulbs are wanted by parcel post add 10 cents extra for the first dozen and 1 cent extra for each additional dozen.



We Are Headquarters for

Pulverized Sheep Manure

"A BAG EQUALS A LOAD"

Nature's Fertilizer, Kiln-Dried and Pulverized.

Free from Weeds—It Makes All Plants Grow

This is probably the most extensively used of any animal manure by the florists and market-gardeners. The analysis shows it to be a perfectly balanced plant-food.

Pulverized Sheep Manure acts quickly, and is invaluable for all crops that require a quick stimulant at certain stages of development.

GET THE GENUINE SHEEP'S-HEAD BRAND—DO NOT BE FOOLED WITH ODORLESS SHEEP MANURE. IF YOU TAKE THE ODOR AWAY, YOU TAKE AWAY THE MOST VALUABLE PART—THE NITROGEN.

THE GENUINE SHEEP'S-HEAD PULVERIZED SHEEP MANURE IS A LIGHT BROWN COLOR. IT IS NOT BURNED BLACK LIKE INFERIOR GRADES. IF YOU CANNOT SMELL PULVERIZED SHEEP MANURE A MILE AWAY (FIGURATIVELY SPEAKING) IT IS NOT THE REAL ARTICLE.

It is prepared by a special drying, screening and grinding process which destroys every weed seed and eliminates every bit of worthless bedding and foreign matter. Only the pure fertilizer in most concentrated and effective form is packed in bags for convenient and economical use.

Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$13, ton \$45.

Special prices on car lots, f. o. b. factory, on request

NODULE-BACTER

LEGUME INOCULATION

SMALL COST LARGE RETURNS

EASY TO USE

Helps Raise Better Crops

It is very important that legume crops should be soil-builders, not soil-robbars. Legumes without proper bacteria rob the soil of nitrogen, making it poorer, the same as other crops. Legumes supplied with strong active bacteria of the proper kind produce larger yields and also enrich the land.

These bacteria, when present in sufficient numbers, attach themselves to the roots of legumes, wherein they live and draw large quantities of nitrogen from the air. This nitrogen drawn from the air by the bacteria greatly aids the growth of the crop with which they are living and at the same time there is being deposited in the soil quantities of nitrogen to grow further good crops of any kind.

Since the importance of these bacteria is an established fact, it is most advisable to make sure crops are properly supplied. This can be done by putting Nodule-Bacter inoculation on the seed before planting.

Nodule-Bacter is easily and effectively used by anyone; no special implements or experience are needed.

The cost is so little you cannot afford to take chances on money invested in seed and labor without inoculating.



Not Inoculated

SOY BEANS

Inoculated with Nodule-Bacter

Nodule-Bacter is prepared for the various legume crops as follows :

Alfalfa	Soy Beans
Sweet Clover	Garden Beans
Red Clover	Field Beans
Crimson Clover	Vetches
White Clover	Garden Peas
Alsike Clover	Canada Field Peas
1-peck package.....\$0 40	½-bushel package.....\$0 40
½-bushel package..... 60	1-bushel package..... 60
1-bushel package..... 1 00	2-bushel package..... 1 00
5-bushel package..... 4 00	10-bushel package..... 4 00

Garden Size package of a combination culture sufficient to inoculate two quarts of sweet peas, garden peas, or beans, 35 cts. (This size is not put up for other crops.)

Each legume crop must have the proper bacteria; therefore, when ordering be sure to give the names of crops to be inoculated.

DESCRIPTIVE CIRCULAR FREE UPON REQUEST

OUR SPECIAL GARDEN FERTILIZER



Take an iron-toothed rake and rake the fertilizer thoroughly into the soil

(Royster's Special Trucker 4-8-5)

Agricultural science has found a way to make soils productive. Soils, to be productive, must furnish a suitable and congenial home for the plant to be grown, a home where it can develop and thrive with the least amount of resistance. Given this sort of a home, and with the aid of Nature's sunshine and rain, and the judicial use of plant-food, the growing of crops becomes a pleasure and a source of profit.

All growing plants require food. The ease with which this food is obtainable determines the development of the plant. For the garden where a diversified growing of plants is desirable, we know of no better form of plant-food than Our Special Garden Fertilizer. It contains the right amount and the right kind of plant-food for the growing of bumper crops of potatoes and vegetables. Containing 4% ammonia, 8% phosphoric acid and 5% potash.

Lb. 10 cts., 3 lbs. 25 cts., 10 lbs. 65 cts., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.50, ton \$50 (in 167-lb. bags)

THE TWO MAGIC PLANT GROWERS

NITRATE OF SODA. This is the most soluble and quickly available form of nitrogen or ammonia. It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, tomatoes, potatoes and similar crops, as well as for grass and grain. It can be advantageously used as a top-dressing after plants are up. It is immediately available to the plants when applied. If your plants don't grow well, try a little Nitrate on them—but don't use too much. Lb. 10 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 12 lbs. \$1, 25 lbs. \$1.50, 100 lbs. \$4.75, 200 lbs. (original bag) \$9.

BONE MEAL. Pure ground bone. It is rich in nitrogen and phosphoric acid, the two principal plant-foods. Lasting in its effect. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$14, ton \$55.

CATTLE MANURE. (Pulverized or Shredded.) A valuable fertilizer for the garden; carefully prepared by drying and screening. In 100-lb. bags only. \$3 each, 500 lbs. \$14, ton \$48.

PHOSPHATE AND POTASH (0-12-5). Certain crops have not produced maximum yields because of the absence of potassium in the commercial fertilizers. This year we are in a position to offer a 12-5 mixture of Phosphate and Potash to the growers of tobacco, potatoes, and oats. Bag (167 lbs.) \$2.60 (delivered in city \$2.85); ton, \$28.

LAND SALT. 10 lbs. 25 cts., 25 lbs. 50 cts., 50 lbs. 85 cts., 100 lbs. \$1.50, original bag of 200 lbs. \$2.50.

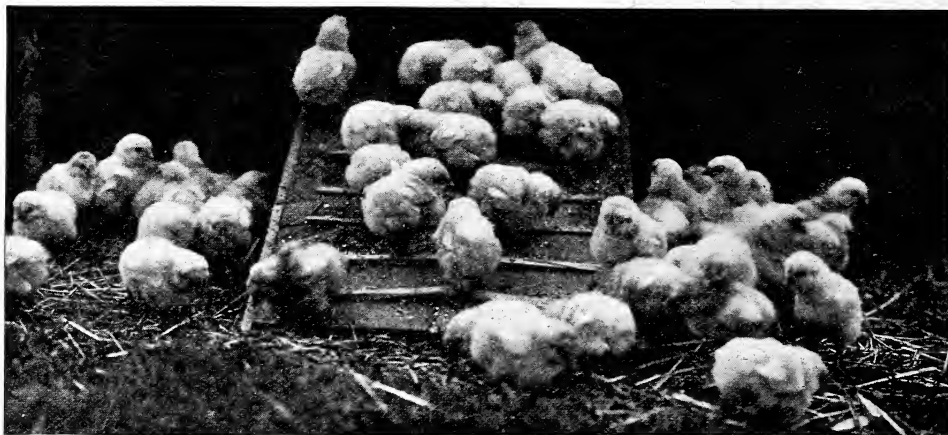
HYDRATED LIME. Slaked and pulverized, ready to apply to the soil. Hydrated (Powdered) Lime can be more uniformly distributed than other forms of Lime. Bag (50 lbs.), delivered in the city, 75 cts. Ask for prices on ton lots.

SULPHATE OF AMMONIA. Is the most concentrated nitrogenous top-dressing fertilizer on the market. The guaranteed analysis is 25¼ per cent ammonia. Superior to nitrate of soda in many ways. It is entirely soluble and is immediate in its action and will invigorate the grasses and shrubbery to a luxuriant and healthful growth. **Sulphate of Ammonia** is a chemical compound of high purity. It is odorless, clean, and entirely free from weed seeds. Apply at the rate of 100 to 200 pounds per acre (¼ to ½ lb. per 100 sq. ft.). Lb. 10 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 12 lbs. \$1, 25 lbs. \$1.50, 200 lbs. \$10.

ROYSTER'S PENNSYLVANIA POTATO GUANO (2-6-3). A garden and potato fertilizer for the market and home-garden containing 2 per cent ammonia, 6 per cent phosphoric acid, and 3 per cent potash, well balanced in the essential plant-foods for the production of bumper crops of vegetables and potatoes. This grade of goods contains a liberal amount of potash and is a much better grade than we have been able to offer for some years. Put up in convenient-sized bags of lb. 10 cts., 4 lbs. 25 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, ton \$40.

ACID PHOSPHATE (16 per cent). Apply 300 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 100 lbs. \$1.50 167 lbs. (original bags) \$2 (delivered in city \$2.25); ton \$22.

ROYAL BLUE (1-10). A good grain-grower for oats, corn, etc., carrying 10 per cent of phosphoric acid, the plant-food that our State College and agricultural experts advise us is the deciding element needed in our soils to insure profitable crops. 100 lbs. \$1.75, 167 lbs. (original bags) \$3 (delivered in city \$3.25); ton \$28.



This lively bunch of little chicks is thriving on Conkey's Starting Feed

The Truth About Baby Chicks

A reliable authority tells us that it costs an amateur or home breeder 25 cents or more for every live Chick hatched. Frequently these Chicks are low in vitality, coming from ordinary breeding stock, causing many losses and great disappointment.

How much better, quicker and cheaper to buy husky Chicks full of life and energy, hatched from "bred-to-lay," free range stock, all ready at one time to grow and develop profitable producers of eggs and meat.

Feed Baby Chicks for eight weeks on Conkey's Buttermilk Starting Feed with our Combined Regulator Grit. This will give you a wonderful start in securing that flock for next season's supply of eggs.

BABY CHICKS

It's a lot easier to get your Chicks ready hatched than to bother with hatching—usually cheaper, too. Just the kind you want—just as many as you need—just when you need them. Take them out of a comfortable shipping-box and *watch them start to grow!*

We have Day-Old Chicks of the same sturdy utility stock that we had last season. We are not content to supply you Chicks only, but honestly aim to help you raise them successfully to maturity for eggs and meat by offering you the best of feeds and other supplies.

Price List—March 1 to May 15, 1924

For Later Chicks Ask for Special Prices

We guarantee 97 per cent of our Chicks to be alive on arrival. We pay delivery charges by Parcel Post to your office.

Send order with full remittance in bank check, postoffice money order, or draft. We cannot ship Chicks C. O. D.

Indicate when you want shipments made. We do not ship less than 25 Chicks of any one variety.

Leghorns—Single Comb White, Brown,	25	50	100
Black, Buff, and Rose Comb Brown . . .	\$4 25	\$8 25	\$16 00
Barred Rocks, White Rocks, Buff Rocks,			
Single Comb Rhode Island Reds, Rose			
Comb Rhode Island Reds, Anconas,			
Single Comb Black Minorcas, and Buff			
Orpingtons	4 75	9 25	18 00
White Wyandottes, White Orpingtons,			
Silver-laced Wyandottes, Single Comb			
Hamburgs, and Rhode Island Whites . .	5 25	10 25	20 00

Place your chicks under a brooder with a temperature from 95 to 100 degrees. REMEMBER for the first ten days heat to the BABY CHICKS is as necessary as FOOD.

Poultry and Animal Foods

Our line of poultry foods includes everything necessary to the successful rearing of poultry—feed for the little chick, the growing fowl, and the laying hen.

We aim to handle only "the best" and to give our customers "value received for every dollar expended." Back of these feeds is our own reputation and that of the responsible concerns who manufacture or assemble them.

Prices subject to change. If to be sent by parcel post, add for postage 5 cents for the first pound and 1 cent for each additional pound, within the First and Second Zones.

Conkey's Buttermilk Starting Feed. This superior chick-mash was the first commercial poultry feed containing buttermilk—that is why we call it the only **original** buttermilk starting feed. Conkey's did not "just happen"—it is a scientifically balanced feed as clean and wholesome and as conscientiously prepared as "infant food." Selected, plump grains, ground to proper fineness, are combined with other ingredients so as to make the feed readily digestible, palatable and nutritious. **Taste it—smell it—that's the way to judge a chick feed.** Conkey's carries buttermilk in just the right proportion as an aid in prevention of bowel troubles, white diarrhea, "leg weakness," etc. The buttermilk is Semi-Solid buttermilk, blended with the other ingredients by the **original** process in such a way as to preserve the appetizing, tonic, and other properties of the newly-churned product. Lb. 10 cts., 2½ lbs. 20 cts., 5 lbs. 35 cts., 10 lbs. 65 cts., 25 lbs. \$1.50, 100 lbs. \$5.50.

Conkey's Buttermilk Growing Mash. This differs materially in analysis and ingredients from Conkey's Buttermilk Starting Feed, being balanced to continue the rapid growth begun by the Starting Feed. The Growing Mash is a richer feed, higher in protein and bone than the Starting Feed. It also contains a little more fiber. It also contains less corn, because corn is heating in summer and also fattening, whereas the developing bird requires muscle and bone-forming materials. 1 lb. 7 cts., 5 lbs. 30 cts., 10 lbs. 55 cts., 25 lbs. \$1.25, 50 lbs. \$2.10, 100 lbs. \$4.00.

Buttermilk Laying Mash (Conkey's). Contains dry buttermilk, a valuable feed for egg-production. No other Mash compares with Buttermilk—it is in a class by itself. Sold by us for years on its merits. Feed it dry and you will be more than pleased. Feed for eggs and get them. Lb. 5 cts., 10 lbs. 50 cts., 25 lbs. \$1.10, 50 lbs. \$2.00, 100 lbs. \$3.75.

Chic-Grain (Chaapel's). Contains no grit to make weight, and not too much corn. It is made from pure, wholesome, screened, and cracked grains only. It is the highest grade of Chick Grain ever made, and worth all it costs. Feed in combination with Conkey's Buttermilk Starting Feed and Chaapel's Regulator Grit. Lb. 8 cts., 2½ lbs. 20 cts., 10 lbs. 55 cts., 25 lbs. \$1.30, 50 lbs. \$2.50, 100 lbs. \$4.90.

Chick Grain (Conkey's). Pure grains only. Made from pinhead oatmeal, cracked white and yellow corn, cracked wheat, cracked peas, Kaffir corn, Milo maize, millet, etc. Lb. 7 cts., 2½ lbs. 15 cts., 5 lbs. 25 cts., 25 lbs. \$1.10, 50 lbs. \$2.10, 100 lbs. \$4.

Growing Grain (Conkey's). Composed of practically the same ingredients as Conkey's Chick Grain, but is made coarser to meet the requirements of growing chicks until ready for the regular scratching feed. Lb. 6 cts., 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. \$1, 100 lbs. \$3.50.

Scratch Grain (Conkey's). Made from pure grains only. Not a pound of waste to the ton. Balanced to produce eggs; properly sized and mixed. Lb. 5c. 5 lbs. 25 cts., 25 lbs. 80 cts., 100 lbs. \$2.75.

Bone, Fine and Coarse Cracked. Lb. 5 cts., 25 lbs. \$1.25.

Bone Meal. For mashes. Lb. 6 cts., 25 lbs. \$1.25.

Bran. Lb. 4c., 25 lbs. 60c., 50 lbs. \$1.10, 100 lbs. \$2.

Canada Field Peas. For pigeons. Lb. 10 cts., 100 lbs. \$7.

Charcoal, Granulated, Fine and Coarse. Lb. 10 cts., 5 lbs. 35 cts., 25 lbs. \$1.25, 50 lbs. \$2.

Cut Clover. Excellent for mashes or as litter for little chicks. Lb. 6 cts., 5 lbs. 25 cts., 25 lbs. \$1, 50 lbs. \$2, 100 lbs. \$3.50.

Chic-Chuck. A specially prepared fish-scrap. Lb. 6 cts., 100 lbs. \$5.50.

Meat Scrap. Best quality. 45 to 55 per cent protein. Lb. 6 cts., 10 lbs. 60 cts., 100 lbs. \$5.

Middlings. Lb. 5 cts., 25 lbs. 75 cts., 50 lbs. \$1.50, 100 lbs. \$2.50.

Oil-Meal (Old Process). For mixing in mashes and feeding to aid molting. Lb. 5c., 100 lbs. \$3.25.

Oil-Meal (Pure ground Flax Meal). A special tonic feed for stock. Lb. 15 cts., 2 lbs. 25 cts.

Oyster Shells. Furnish lime to make egg-shells. 5 lbs. 10 cts., 100 lbs. \$1.25.

Dairy and Table Salt. Lb. 2 cts., 100 lbs. \$1.25.

Salt Brick, Edgerton's Medicated, for horses, cattle, and hogs. Keep your stock from getting sick. They lick it—they like it—the more they eat, the better. This is one of the best-known tonics for all kinds of stock. Contains dairy salt, saltpetre, sulphur, copperas, nux vomica, and a preparation of lime. 25 cts. each (by parcel post, 35c.), \$2.75 per doz. (by parcel post, \$3.20).

Stone Grit. Necessary teeth for poultry. 5 lbs. 10 cts., 100 lbs. \$1.25.

Regulator Grit. A combination Grit necessary for little chicks and laying fowls containing all the necessary ingredients for the proper grinding and mastication of food. 2 lbs. 10 cts., 5 lbs. 25 cts., 25 lbs. \$1.15, 50 lbs. \$2.25, 100 lbs. \$4.

Chaapel's Regulator—A Combination Grit Necessary for Little Chicks and Laying Fowls

Contains heneta, cracked bone, dried milk, mica spar, and other ingredients in combination necessary for the proper grinding and mastication of food, at the same time keeping the crop sweet, the bowels open and free. It furnishes body-building materials and has a feeding value besides combining teeth and tonic. **A most valuable product. Keep it before them all the time in a grit hopper or scattered in the litter.**

2 lbs. 10 cts., 5 lbs. 25 cts., 25 lbs. \$1.15, 50 lbs. \$2.25, 100 lbs. \$4. Postage extra. See third page cover.



Conkey's Poultry Remedies and Insecticides

Poultry cannot be profitable unless they are healthy. The importance of prevention by the use of a germicide, like Nox-i-cide, should not be underestimated. This line is complete.

Conkey's Poultry Book free

- Conkey's Roup Remedy 25 cts. and 50 cts.
Conkey's Cholera Remedy 25 cts. and 50 cts.
Conkey's White Diarrhea Remedy. 25 cts. and 50 cts.
Conkey's Gape Remedy 25 cts. and 50 cts.
Conkey's Head Lice Ointment . 10 cts. and 25 cts.
Conkey's Poultry Conditioner . 25 cts. and 50 cts.
Conkey's Laying Tonic 25 cts. and 50 cts.
Conkey's Poultry Laxative 25 cts.
Conkey's Lice Powder . 3 sizes, 10c., 25c. and 50c.

- Conkey's Bronchitis Remedy 50 cts.
Conkey's Chicken Pox Remedy . 25 cts. and 50 cts.
Conkey's Limber Neck Remedy 50 cts.
Conkey's Rheumatic Remedy 50 cts.
Conkey's Black Head Remedy 50 cts.
Conkey's Poultry Worm Remedy, 25 cts. and 50 cts.
Conkey's Scaly Leg Remedy 50 cts.
Conkey's Stock Remedies 25 cts. and 50 cts.
Conkey's "Nox-i-cide" Pt. 45c., qt. 70c., 2 qts. \$1.15

Pratts

Poultry Regulator

Poultry Remedies

Satisfaction guaranteed or money back.



Healthy birds and lots of eggs, the two big things in poultry raising, are made certain by giving

Pratts Poultry Regulator

12-lb. pail, \$1.65; 25-lb. pail, \$3; packages, 25 cts. and 50 cts.

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting them into condition for heavy egg laying or winning blue ribbons.

Pratts Baby Chick Food

A scientifically prepared food that gives baby chicks the strongest kind of start. It's life insurance for baby chicks. 2½-lb. package, 25 cts.; 5¾-lb. package, 50 cts. If wanted by parcel post add 10 cts. for postage.



Pratts Poultry Remedies

Carried in stock.



Don Sung Makes Hens Lay

How to tell a hen from a rooster—feed them Don Sung and if they do not lay, they are roosters. Don Sung is Chinese for "egg-laying"; it puts pep into the flock; makes them healthy and vigorous; makes hens lay; gets the eggs in any weather. It is easily given in the feed and doesn't force or hurt the hen in any way. Don Sung is a real tonic. Try it—if it doesn't pay for itself and pay you a good profit besides, your money will be promptly refunded. Trial size (30 tablets), 50 cts. (postpaid, 55 cts.); large size (90 tablets), \$1 (postpaid, \$1.05).

Glover's Dog Medicines

- Mange Medicine.....\$0 65 per bottle | Distemper Med.....\$1 25 per bottle
Diarrhea Medicine. 65 " " | Fit Medicine..... 65 " "
Vermifuge.....\$0 65 per bottle
Worm Capsules..... 65 per box
Liver Pills..... 65 " "
Kennel Soap..... 30 " "

Free Book on Diseases of the Dog and How To Feed, on request

Spratt's Patent Dog and Puppy Biscuits

Are the Best and Cheapest and they are used by the Leading Kennel Owners and Breeders throughout the World.

- 11-oz. Package.....\$0 15
30-oz. Package..... 35
5-lb. Package..... 70.



BLATCHFORD'S CALF MEAL



Sold in 25-, 50- and 100-lb. bags.

The Complete Milk-Equal

Just the thing to raise or veal your calves right from birth.

Then sell your milk and get the benefit of the high creamery prices.

No more scouring calves!

It is absolutely the only milk substitute containing all the elements necessary for rapid and healthy growth, and the only calf meal that is thoroughly cooked and prepared for digestion. Being the original and best, it will push your calves forward better and quicker than any other food.

100 pounds make 100 gallons of Complete Milk Substitute

25 lbs. \$1.50, 50 lbs. \$2.90, 100 lbs. \$5.50, subject to change

FROM SOW TO PASTURE



Sold in
25-, 50- and
100-lb. bags.

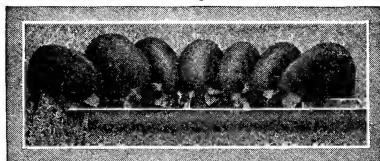
Wean your little
pigs easily, safely
and cheaply on

Blatchford's Pig Meal

From Pig-hood to Pork-age it gives big bone and solid flesh. Prevents loss of growth and vitality during the critical weaning period, and always makes the runts catch up.

25 lbs. \$1.50, 50 lbs. \$2.90, 100 lbs. \$5.50
Prices subject to change

Successfully weaned!



Not a runt in the litter.

KOW-KURE

If a cow is well—if her organs of production are doing their duty—she will yield well. Time was when the cow that became sluggish and seemed to be going backward was promptly sold to the butcher.

Thousands of cow owners have found that in most cases proper treatment will save them the difference between the price of a beef cow and a vigorous milch cow.

Most dairy cow ailments are simple if the source of the trouble is reached. If the organs of production or reproduction are not doing their duty, try Kow-Kure—the medicine for run-down cows. It has worked wonders in many herds, and is especially recommended for the prevention and cure of Abortion, Barrenness, Milk Fever, Scouring, Lost Appetite. Send for Booklet. Price, 65 cts. and \$1.25.



Poultry Requisites Bring Success

The Peerless Dry Food Hopper

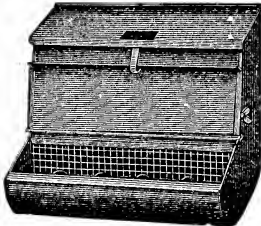
This device is new, a self-feeder with an unobstructed feed outlet; simple in construction, strong and serviceable. A great saver of feed, time and labor. It requires no attention except refilling when empty. Suspend the Hopper from roof of pen, using cord and pulley, or hook, as shown in cut; always high enough from floor of pen to compel the birds to exert themselves to reach the food. By this method of use it occupies no floor or wall space, and is inaccessible to rats or mice.

Has cone in center which insures continuous movement of feed. 8-qt. size, \$1.75. 16-qt. size, \$2.25.



Oaks Dry Mash Hopper

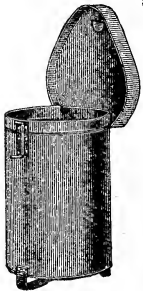
Does not clog, being wider at the bottom than at the top and having a wire screen that prevents clogging. It is made of heavy galvanized material and will last a lifetime. Chick 12-in. size, \$1.75; 18-in. size, \$2.25.



Oaks Dry Mash Hopper

Drop Bottom Wall Fountains

The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fountain to be thoroughly cleaned and kept in a sanitary condition. 2-qt. size, 90 cts.; 1-gal., \$1.15; 2-gal., \$1.35. Wall Fountains. Chick size, 35 cts.; 2-qt., 95c.; gal., \$1.20; 2-gal., \$1.50.



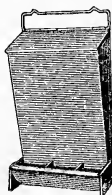
Drop Bottom Fountain

Automatic Fountain

An absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason Jar. The pan on this fountain is hinged to wire that supports the jar. We do not furnish jars. Price, 15 cts.

Grit and Shell Box

Chick size, 75 cts.; poultry size, \$1.40.



Grit and Shell Box

Petty's Poultry Punch

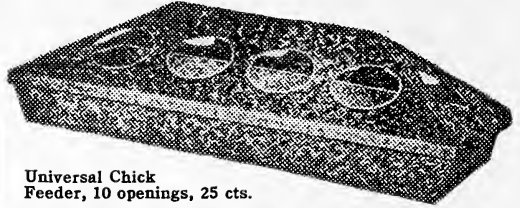
25 cts.



Automatic Chick Fountain

Universal Chick Feeders

Most reliable. Will not upset or waste food. Easy to clean; will not rust.



Universal Chick Feeder, 10 openings, 25 cts.



Universal Chick Feeder, 20 openings, 50 cts.

Sell Eggs By Mail

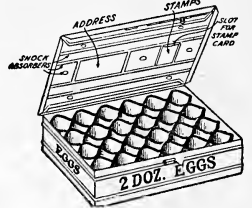
To your city friends. Ship in aluminized

METAL EGG CRATES

Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

The Metal Edge Filler is a wonder. A new invention and cannot be beat for safely carrying eggs by mail. Light in weight but strong.

2-dozen size.....	\$1 50	4-dozen size.....	\$2 00
3-dozen size.....	1 75	6-dozen size.....	2 50



Write us about Butter-Egg crates.

Egg Sell Parcel-Post Egg Mailing-Boxes

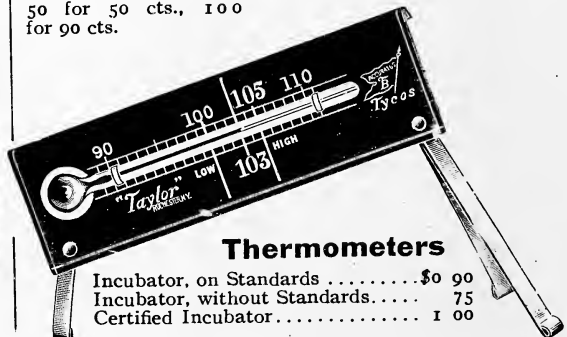
(Carton board). 12-egg size, 15 cts.; 24-egg size, 20 cts.; 48-egg size, 30 cts.; 72-egg size, 35 cts.

Shipping Boxes for Chicks

25-chick size, 30 cts.; 50-chick size, 45 cts.; 100-chick size, 55 cts.

Celluloid Spiral Leg Bands

Come in all colors and sizes. Doz. 15 cts., 25 for 30 cts., 50 for 50 cts., 100 for 90 cts.



Thermometers

Incubator, on Standards.....	\$0 90
Incubator, without Standards.....	75
Certified Incubator.....	1 00

INCUBATORS AND BROODERS

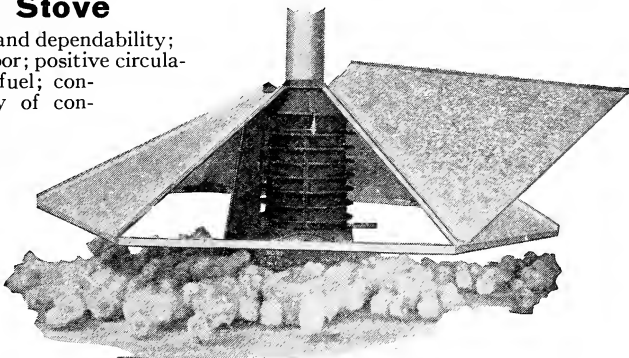
Jamesway Brooder Stove

Chick comfort and chick growth; safety and dependability; uniform distribution of heat all over the floor; positive circulation of pure, vitalized air; economy of fuel; convenience in care and operation; quality of construction; low initial cost—make the Jamesway Colony Coal-Burning Brooder one of the most outstanding pieces of equipment ever offered to poultry folks.

1924 Model Colony Stove (60-in. Hover)

\$31.50.

Colony Stove (with 42-in. Hover). A dependable brooder. \$24.75.



Buckeye Incubators

This Incubator is absolutely guaranteed to hatch every hatchable egg. Anybody can hatch chickens with a "Buckeye." Approved by the National Board of Fire Underwriters. Buckeye Catalogue on request.

No. 14. Style E, 65-egg size.....	\$16 50
No. 16. Style E, 110-egg size.....	27 50
No. 1. Standard, 110-egg size.....	37 50
No. 2. Standard, 175-egg size.....	44 50
No. 3. Standard, 250-egg size.....	57 75

Buckeye Stove Brooders

Mothers like an old hen. They are designed right, built right, easy to handle and burn coal in a powerful cast-iron heater, with a self-feed. They cannot get too hot—a thermostat regulates the drafts. It has a curtain that allows fresh air without drafts.

Buckeye Standard No. 18. 500-chick size..\$21 50

Buckeye Standard No. 19. 1,000-chick size 26 50

The Buffalo Incubators

The Buffalo Incubators are hot-air machines, fully guaranteed, and we can recommend them to our customers without reservation.

No. 0. Capacity 50 to 60 eggs.....	\$20 00
No. 1. Capacity 110 to 120 eggs.....	30 00
No. 2. Capacity 220 to 240 eggs.....	40 00
No. 3. Capacity 340 to 360 eggs.....	50 00

Ask for descriptive circular

Buckeye Blue-Flame, Wickless, Oil-heated Colony Hover

Broods Like a Coal-Burner

No. 10. 34-inch diam., 200-chick size.....	\$17 50
No. 11. 42-inch diam., 350-chick size.....	20 00

Marvel Colony Stove Brooder

has proven its worth in actual work, regardless of climate, performing as well in Maine as in California. The Marvel is the real Mechanical Hen, and has the Mother Hen beat because it will brood any quantity at one time without loss. Big, healthy, fast-growing chicks raised to early maturity. The device is fire-proof, the action is vermin-proof.

Built of heavy castings from pure pig iron, the heater stands 27 inches high. The grates and fire chambers are designed to produce the greatest heating power from a given quantity of coal, the fire pot containing fuel enough to keep the fire through the night.

No. 10 for 42-in. Canopy	\$20 50	No. 26 for 52-in. Canopy	\$26 50
No. 25 for 42-in. Canopy	21 50	No. 30 for 60-in. Canopy	32 00

Illustrated descriptive Folder on request

Portable Brooders They Hover at the Curtain

That's why the chicks never crowd. The reflected radiation from the lamp, together with the direct radiation from the canopy overhead, produces those same ideal conditions that we find in the coal-burner. The chicks hover in circles—around the outside edges—and each individual chick selects the spot that is best suited to his comfort. Being warmest at the curtain there is no incentive for the chicks to seek the center, and consequently there is no inclination to "crowd" or "pile."

Putnan Brooder Heater. 25-chick size.....\$2 50

Home Portable Brooder. 50-chick size..... 5 50

Buckeye No. 20. 19-inch diam., 60-chick size.....11 75

Buckeye No. 21. 22-inch diam., 100-chick size.....15 50

Buckeye No. 22. 30-inch diam., 150-chick size.....19 00



Buckeye Portable Brooder

Place your chicks under a brooder with a temperature from 95 to 100 degrees. **RE-MEMBER** for the first ten days heat to the **BABY CHICKS** is as necessary as **FOOD**.

Pyrox

REG. U. S. PAT. OFF.
TRADE MARK REGISTERED

WHAT PYROX IS and WHAT PYROX DOES

Pyrox is a powerful fungicide; it controls fungous diseases, even some serious ones that other fungicides do not control. A strong poison insecticide, it kills chewing insects, even those which are hard to kill, like the hard-shelled potato beetle.

Over twenty years of practical farm use have proved Pyrox the most effective remedy against both serious fungous diseases and chewing insects. It contains the essential copper in proper quantity for safe use and in most active form for greatest fungicidal value. In Pyrox the poison insecticide is chemically blended with the copper fungicide, which increases the effectiveness of both.

It saves labor; it is easy to use—simply mix with cold water and spray.

It goes farther; it is so smooth and fine that the finest nozzle can be used without clogging. The resulting mist-like spray covers more surface.

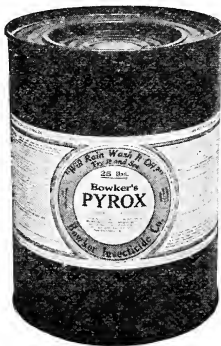
It gives more thorough protection. It should be put on with fine nozzle, because when applied in the finest mist it covers more thoroughly every part of the leaf or fruit.

It gives more lasting protection; it sticks like paint and stays on for weeks. Even hard rains do not wash it off once it is thoroughly dry.

It helps to increase yields; the copper fungicide in Pyrox stimulates the leaves, makes them greener and more vigorous and helps to increase yields even when there is no disease.

Get ahead of the crows by treating seed corn with Pyrox.

Lb. 50c., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6, 100-lb. keg \$18.50. Cannot ship by Parcel Post.



"SAFETY FIRST"



"Come away! That's no place for a little bug like you! Can't you see those potatoes are sprayed with Pyrox?"

INSECTICIDES AND FUNGICIDES

SCALECIDE. The latest and best spray for San Jose scale, cottony maple scale, and pear psylla. It is not poisonous, being simply a mechanical preparation of petroleum oil that instantly mixes with cold water and is immediately ready to apply. One gallon of Scalecide to 20 gallons of water, sprayed on your trees and bushes, will kill every scale that it reaches without injury to tree or fruit if applied in late fall, winter, or early spring, while the foliage is off. Safe and easy to apply. Qt. 65 cts., gal. \$1.50, 5 gals. \$6.45, 30-gal. bbl. \$27.

"Black Leaf 40." A concentrated solution of nicotine sulphate; an excellent spray for black aphid and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. Oz. 35 cts., 1/2 lb. \$1.25, 2 lbs. \$3.50, 10 lbs. \$13.50.



Formalin. (Formaldehyde, 40 per cent.) A valuable disinfectant for destroying germs that cause diseases in plants. It is very effective when used to destroy smut germs in oats and scab on potatoes. To treat oats, use one pint of Formalin to 50 gallons of water and soak 10 minutes. For potatoes use 1 pint to 30 gallons and soak 2 hours. 1/2 pt. 35 cts., pt. 50 cts.

Arsenate of Lead, Powdered. (The S.-W. Co. Brand.) This form of Arsenate is exclusively used. It is instantly soluble in water and a pound thereof goes

almost twice as far as 2 pounds of paste Arsenate. One pound dilutes to 50 gallons of water. 1/2 lb. 30 cts., lb. 50 cts., 5 lbs. \$2.25, 10 lbs. \$4.25.

Slug-Shot. The standard remedy for currant worms, rose slugs, cabbage worms and almost any soft-shelled insects that infest the vegetable- or flower-garden. Lb. carton 20 cts., 5 lbs. 60 cts., 10 lbs. \$1.15.

Blue Stone (Copper Sulphate). **Crystals.** For making bordeaux mixture; best-known remedy for blight. Lb. 15 cts., 10 lbs. \$1.40, 100 lbs. \$10.

Melrosine Rose-Bug Destroyer. A splendid insecticide against all pests. The only remedy endorsed by leading authorities. The **general contact insecticide** that kills rose-bugs and other insects. Dilute with from 20 to 25 parts of water and apply with any good spray pump. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. Will not discolor flowers or foliage. Pt. \$1, qt. \$1.75, 1/2 gal. \$3.25, gal. \$6. Trial Size, sufficient to make 1 gallon when diluted, and care for several plants one season, 50 cts.; postpaid 60 cts.



San-O-Spray. Superior household insecticide and deodorant. Delightful odor. Pt. 75 cts. Sprayer 50 cts.

Sulphur, Powdered. Lb. 5 cts., 100 lbs. \$2.75.

Nico-Fume Liquid. A highly refined solution of "Free Nicotine" for the control of aphids, thrips, etc., under glass. Used either as a spray or vaporizer in fumigating houses. 8 lbs. \$15.

Bob-White. A sure-death fly-killer. Kills flies on cattle and horses. Gal. can \$1.50.

Tobacco Dust. For dusting only; excellent for lettuce and other plants, to destroy soft, creeping insects. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 100 lbs. \$3.75.

Whale- or Fish-Oil Soap. An excellent summer spray when something stronger cannot be used. 1/2 lb. 15 cts., lb. 25 cts., 10 lbs. \$2, 25 lbs. \$4.50.

Weed and Ivy Killer. Used for killing weeds, ivy, grass, etc., in paths, gutters, roadsides, tennis courts, or wherever vegetation is not wanted. 1/2 gal. 75 cts.

Rat-Nip. Kills rats every time. Tubes 35 cts. each

Spray Pumps, Nozzles and Fixtures

Send for Special Pump Catalogue. We can save you money. We have a complete line of supplies, and can fill your wants promptly.

GOULD'S POMONA BARREL SPRAY PUMP. Large size. Bronze parts, agitators and 15 feet of hose, complete, \$28.

GOULD'S FRUITAL BARREL PUMP. All bronze parts; complete, with 15 feet of hose, \$19.



Gould's Fruit Barrel Pump



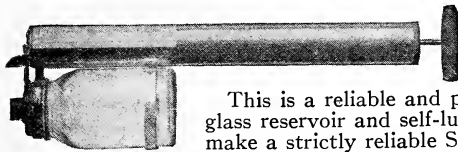
Gould's Pomona Barrel Spray Pump

Spray Boom Attachments

For spraying potatoes, celery, etc. Can be attached to the rear of any wagon or cart having a barrel or power pump. Sprays 3 to 6 rows at a time, adjustable horizontally or perpendicularly with 1 or more nozzles to the row.

Spray Boom A. Adjustable, 4 rows. Made so that ends can be swung up, allowing passage through gates. Equipped with 4 nozzles, \$14.

Red Head Glass Reservoir Hand Sprayer



Barrel 18 inches long, 2 inches in diameter

This is a reliable and popular Hand Sprayer, having a glass reservoir and self-lubricating plunger, qualities that make a strictly reliable Sprayer for the home-garden and poultry-yard. The things which count are the volume of air and the evenness of the pressure. Most sprayers lose their efficiency on account of the leakage of a dry plunger leather. 85 cts.; postpaid, \$1.

HAND SPRAYER. Tin reservoir, two sizes, 50 cts. and 75 cts. each.

No. 26-A. Continuous Hand Atomizer, Brass. \$1.25; postpaid \$1.40.

No. 26-C. Continuous Hand Atomizer, Tin. 85 cts.; postpaid \$1.

The Auto Spray Compressed-Air Pump

Now used by all leading florists, gardeners, and fruit-growers, and almost indispensable in the poultry-house. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 pounds.

No. 1-B, Brass. Equipped with hose and Auto-Pop attachment, \$9.

No. 1-D, Galvanized Iron. Equipped with hose and Auto-Pop, \$6.50.

No. 110. Lowell Galvanized Fountain Sprayer. Equipped complete, \$6.

No. 120. Lowell Galvanized Baby Fountain Sprayer. Equipped complete, \$3.75.

No. 131. Lowell Powder Blowers. 75 cts. each.

NON-KLOG JR. SPRAY NOZZLES. Angle or straight, 75 cts.

BAMBOO EXTENSION RODS. With connections. 6- or 9-ft. \$3.50 each.

BRASS EXTENSION RODS. 2 feet long. 75 cts. A Complete Line of other Nozzles and Connections.

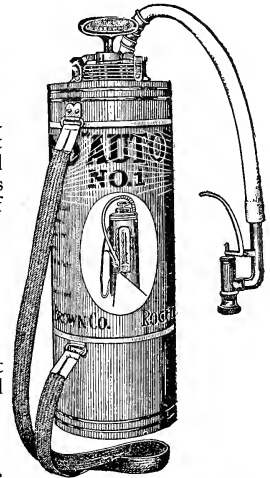
CYCLONE BROADCAST SEEDER. Simple in construction and easy of operation; has automatic regulator and cut-off, and performs its work perfectly. It is practical. Price, \$2.25; postage 10c. extra.

ACME CORN PLANTER. Works in any soil; has flexible and adjustable iron drop; does not wear the brush; has iron seed-box and iron channel; foot made of polished steel. Well made, durable, reliable; gives universal satisfaction. Prices, \$1.50 to \$2.50 each.

RUBBER PLANT SPRINKLERS. Indispensable for spraying cut-flowers and plants in the house; useful for sprinkling clothes. Two sizes, 65 cts. and 75 cts.; postpaid 10 cts. extra.

DIBBLES. Iron Point, small, 50 cts.; Iron Point, large, 60 cts.; Brass Point, 75 cts.

JUTE STRING. For tying up vegetable bunches, tomato plants, grapevines, etc. Lb. 30 cts., 5 lbs. \$1.25. Prices subject to change.



Auto Spray, showing Auto-Pop attachment



BEST GRADE BERRY BASKETS

Made of Sweet Gum

Standard quart- and pint-size Baskets for strawberries and other small fruits. Best quality. "Arrow Brand" Berry Baskets are superior to other makes. They are packed securely in crates of 1,000. Prices on request.

Apple and Potato Picking Baskets

Made of white oak, very durable, ½- and 1-bus. sizes.

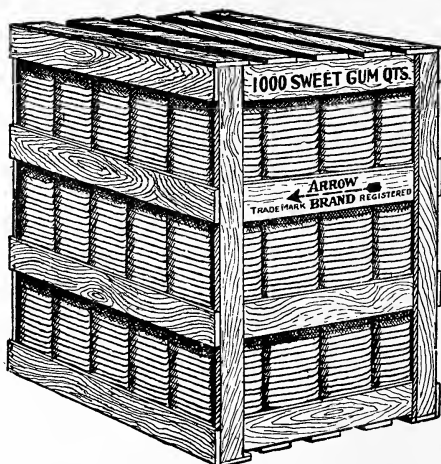
THE CUMMER FOLDING CRATES

For potatoes, apples, etc. Strongly made, will stand hard usage. Folding up when not in use, can be stored in small space. 1-bus. size 75 cts. each.

Peach and Tomato Baskets

Containers for marketing Peaches, Tomatoes, etc. Standard 14-quart size, made of the best materials. 10 cts. each, \$8 per 100.

PRICES SUBJECT TO CHANGE



Arrow Brand Berry Crate



Peach Basket

"Gripit" Peach Basket Carrier

A pressure of the hand attaches or detaches. Forms a bail and handle by which basket can be carried or hung to a tree. Grips tight. By its use two baskets can be carried easier than one in the old way. Baskets can be carried without dropping or injuring the contents. Will last a lifetime. Needed by every one who handles peach baskets for any purpose. A money-saver. 50 cts. each (by parcel post, postpaid, 60 cts.).

New White Oak Iron Hoop-Bound Casks or Kegs

FOR VINEGAR, CIDER, ETC.

Five- and Ten-Gallon Kegs can be sent by Parcel Post

5-gal. kegs, \$3.25; (by parcel post prepaid, \$3.41).

10-gal. kegs, \$3.75; (by parcel post prepaid, \$4).

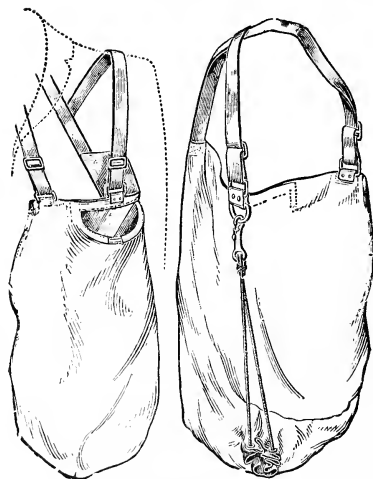
15-gal. kegs, \$4.25; by express or freight only.

PRICES ON ALL WOODEN WARE SUBJECT TO CHANGE WITHOUT NOTICE

Ideal Fruit-Picking Bag

(UTTERBACK)

Made of heavy-weight duck and so arranged as to equalize the load on both shoulders. The openings are so arranged that both hands can be used in picking, and the draw-string is so placed that the fruit can be let out at the bottom in emptying the bag. The bag can be let down to the bottom of the box before opening the draw - string, thus not bruising the fruit. This is the best and handiest arrangement for picking fruit that has ever been offered. A trial will convince even the most skeptical. \$2.25 each (by parcel post, postpaid, \$2.40).



Fruit-Picking Bag



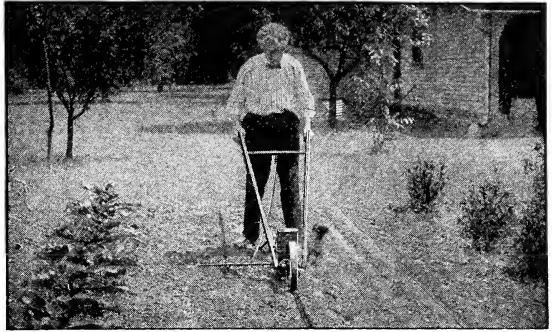
White Oak Keg

Grow Your Own Vegetables

Cut down your living expenses. You'll be astonished how easy it is to save time, labor, and money, and get bigger and better crops when you use

Planet Jr. Garden Tools

ASK FOR CATALOGUE



Planet Jr. Seeder and Wheel Hoe at work in a suburban garden

Planet Jr. Farm and Garden Tools

Planet Jr. Tools are the most carefully designed and constructed, built of the finest materials, and are the most economical because they outlast others and do better work. **Planet Jr. Catalogue, 72 pages.** Nearly 200 illustrations. Free. Send postal.



No. 4 Planet Jr. Hill and Drill Seeder and Single-Wheel Hoe

Price, complete, \$21.50
As a Seeder Only, \$17

Holds 2½
Quarts of
Seed

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily all through the season.



Planet Jr. No. 25 Combined Hill and Drill Seeder and Wheel Hoe

Price, \$26

Holds 2½
Quarts of
Seed

A splendid combination for the family garden, onion-grower, or large gardener. Is a perfect Seeder, and combined Double- and Single-Wheel Hoe. Unbreakable steel frame. Capacity, 2 acres a day.

Planet Jr. 12-Tooth Harrow and Cultivator No. 91

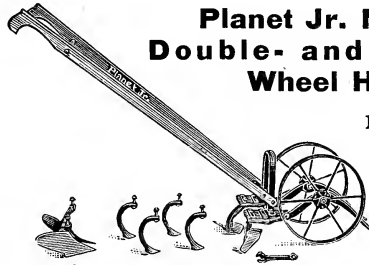
Complete, with Steel Wheel, \$16.50

An invaluable tool in truck and strawberry patches and the market-garden. Leaves ground in finest condition without throwing dirt on plants. Has new steel wheel.



Planet Jr. No. 12 Double- and Single-Wheel Hoe

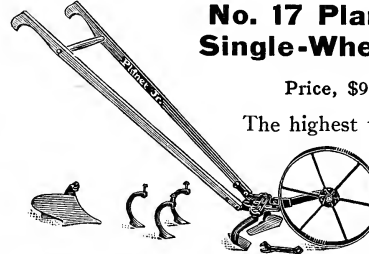
Price, \$13



A Single- and Double-Wheel Hoe in one. Straddles crops till 20 inches high, then works between. The Plows open furrows and cover them. The Cultivator Teeth work deep or shallow. The Hoes are wonderful weed-killers. New 14-in. steel wheels, steel frames, arch, etc. Greatly improved.

No. 17 Planet Jr. Single-Wheel Hoe

Price, \$9



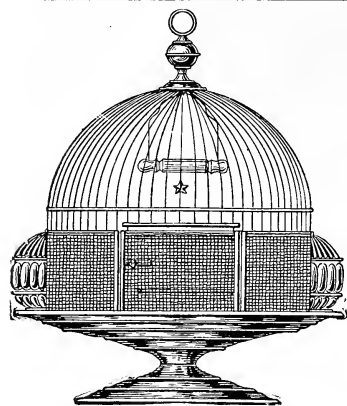
The highest type of Single-Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way. Indestructible steel frame. New. 15-in. steel wheel. Call and let us show you the 1922 models; they will please you.

No. 8 Planet Jr. Horse Hoe with Steel Wheel

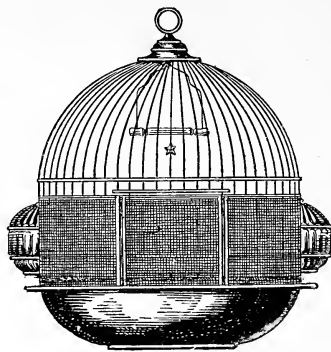
Price, \$21.50



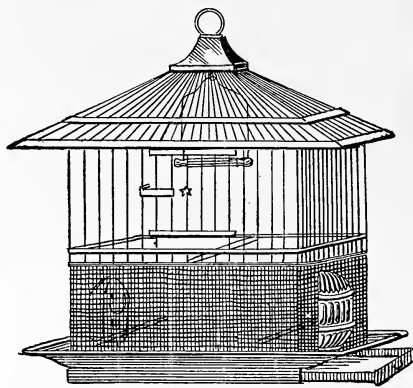
Stronger, better made, and capable of a greater variety of work than any other Cultivator made. A great favorite.



Brass Dome Cage, with
Wire Guards



Brass Japanese Lantern Cage, with
Wire Guards



Brass Japanese Cage, with Brass
Guards and Zinc Drawer

Bird Cages and Supplies

For the last two years we have been selling these cages at our store with excellent satisfaction, and, for the benefit of our out-of-town customers, offer here a few of the most desirable styles. Our patrons tell us that they are very beautiful, well made, and reasonable in price. The enameled cages are not to be compared with the common painted stock so often sold. **For 50 cents extra** we will pack them carefully and deliver them by parcel post direct to your door, together with 1 pound of our choice mixed Bird Seed (value 25 cts.).

All Bird-Cages and Supplies are net cash with order.

Brass Cages with zinc drawers and brass guards.

2342-M. 10 1/4 x 7 1/4 inches.....	\$7 85
2343-M. 10 3/4 x 7 3/4 inches.....	8 60
2344-M. 11 3/4 x 8 3/4 inches.....	9 25

Ivory-white Enameled Cage, Brass Guards and Drawer Bottom.

2372-D. 10 x 7 inches.....	\$4 98
2373-D. 10 1/2 x 7 1/2 inches.....	5 35
2374-D. 11 x 8 inches.....	5 72
2375-D. 11 3/4 x 8 3/4 inches.....	6 10

Enameled Cage in colors with Brass Guards and Drawer Bottom.

2002-D. 10 x 7 inches. Coral-red only....	\$6 00
2003-D. 10 1/2 x 7 1/2 inches. Light green only....	6 40
2004-D. 11 x 8 inches. Light blue only....	6 80

Brass Dome Cage, with Wire Guards.

2525. 10 1/4 inches diameter.....	\$6 15
2526. 11 inches diameter.....	6 75
2527. 11 3/4 inches diameter.....	7 35

Enameled Ivory-white Dome Cage, Gold Trimmed Brass Guards.

2225. 10 1/4 inches diameter.....	\$5 60
2226. 11 inches diameter.....	6 15
2227. 11 3/4 inches diameter.....	6 70

Brass Japanese Lantern Cage, with Wire Guards.

2535. 10 1/4 inches diameter.....	\$5 80
2536. 11 inches diameter.....	6 40
2537. 11 3/4 inches diameter.....	7 00

Enameled Japanese Lantern Cage, with Wire Guards.

2035. 10 1/4 inches diameter. Coral-red only....	\$5 60
2036. 11 inches diameter. Light green only....	6 20
2037. 11 3/4 inches diameter. Light blue only....	6 80
2435. 10 1/4 inches diameter. All white.....	4 50

Brass Japanese Cage with Brass Guards and Zinc Drawer.

2584-M. 9 3/4 x 9 3/4 inches.....	\$11 00
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Brass Cages with Drawer Bottom.

471-D. 9 1/2 x 6 1/2 inches.....	\$3 50
472-D. 10 1/8 x 7 1/8 inches.....	4 05
473-D. 10 3/4 x 7 3/4 inches.....	4 75
474-D. 11 3/4 x 8 3/4 inches.....	5 45

Brass Cages without Drawer Bottom.

462. 10 1/8 x 7 1/8 inches.....	\$3 85
463. 10 3/4 x 7 3/4 inches.....	4 55
464. 11 3/8 x 8 3/4 inches.....	5 35
465. 12 x 9 inches.....	6 40

Enameled Ivory-white Cage with Drawer Bottom.

371-D. 9 1/2 x 6 1/2 inches.....	\$2 85
372-D. 10 x 7 inches.....	3 10
373-D. 10 1/2 x 7 1/2 inches.....	3 35
374-D. 11 x 8 inches.....	3 60
375-D. 11 3/4 x 8 3/4 inches.....	3 85

Bird Supplies

Ant Eggs. Genuine Premier. 10 cts.

Bird Seed. Choice Mixed Seeds. Lb. 25 cts., 5 lbs. \$1.

Bird Seed. Pure Sicily Canary. Lb. 25 cts., 5 lbs. \$1.

Bird Manna. For canary birds. 15 cts. each.

Bird Bitters. A health tonic for birds. 25 cts.

Bird Eye-Water. Bottle, 25 cts.

Bird Gravel. Red or Silver. Two sizes, 10 and 15 cts.

Bird Teeth. Makes birds sing. 15 cts.

Bird Baths. Opal, 2 sizes, 15 and 20 cts.

Bird Bath-House No. 2. \$1.25.

Bird Song-Restorer (Drahotas). Box 25 cts.

Bird Nesting Hair. Box, 15 cts.

Brass Wire Guard Cloth. For cages, including fasteners. 35 cts. per ft.

Cage Springs. Brass, two sizes, 10 and 25 cts.

Cage Springs. Double Brass. 50 cts. each.

Cuttle Bone. For canaries. 5, 10, and 15 cts. each.

Fish Food. 10 cts.

Hemp Seed. For cage-birds. 1/2 lb. 10c., lb. 15 cts.

Insect Powder Gun. 10 cts. each.

Merican Salve. Box, 25 cts.

Mite Powder. For canaries. Box, 25 cts.

Moulting Pepper. For canaries. Box, 25 cts.

Nestling Food. For canaries. 25 cts.

Parrot Seed. For parrots' box. 15 cts.

Rape, Sweet German. For canaries. Lb. 15 cts.

Round Covered Cup. Opal. 25 cts. each.

Seed and Water Cups. Opal. Open or closed top. 15c.

Seed and Water Cups. Crystal. Open or closed top. 10 cts.

Sunflower Seed. For Parrots. Lb. 20 cts., 5 lbs. 75c.

Swinging Hooks. Brass. 10-inch, 25 cts.; 12-inch, 35 cts.

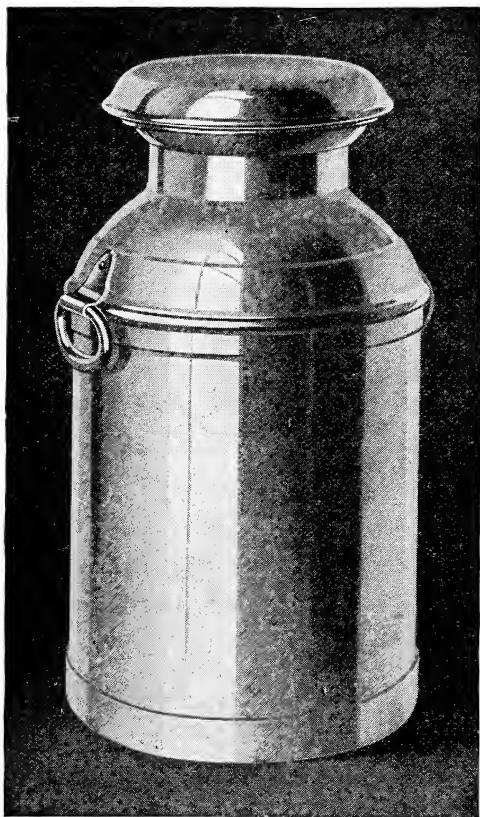
Wire Breeding-Nest: 4-in. diameter. 25c. each.

DAIRY SUPPLIES

The dairy business provides a steady and unailing source of income and is becoming more popular. As the population in the cities increases, the demand for dairy products becomes greater. Few, indeed, are the farmers in the East who have not felt this urge, and dairy farmers are gradually supplanting the straight, grain-producing ones.

With the advent of the silos, supplying, as they do, great milk-producing material during the winter months, the milk-flow can be regulated the season round. Today, cows are the most valuable asset on the farm. A good dairy herd means prosperity to the owner and progress to the community.

It is our desire to cater to the farmer's wants, to be of service to him in supplying his needs, and, as rapidly as we can, to provide additional departments to meet the farmer's needs. We have grown, and expect to continue to grow, with our community. Realizing the need of a place where the dairy farmer can procure all the requisites necessary to the dairy business, we have met this need by adding dairy supplies, commercial mixed dairy feeds, and mill feeds such as bran, middlings, chop, gluten, hominy, and such concentrated feeds as cotton seed and oil meals. We are able to furnish all the things necessary to the dairy farmer, which we are listing in our annual seed catalogue, and we ask the interested farmer to look over our offerings.



New York Pattern Milk-Cans

	Each
20-qt., Umbrella Top, Heavy Weight.....	\$4 25
30-qt., Umbrella Top, Heavy Weight.....	4 00
40-qt., Umbrella Top, Heavy Weight.....	5 25

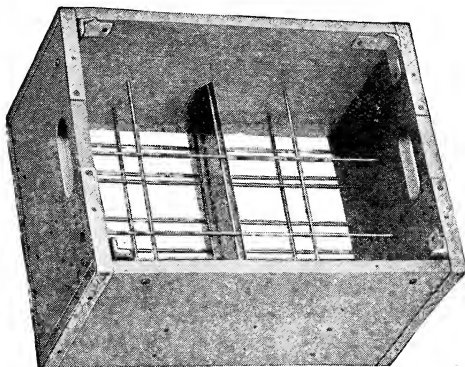
Ohio Pattern Milk-Cans

20-qt., Sunken Top, Tube Handles.....	\$3 25
30-qt., Sunken Top, Tube Handles.....	4 15
40-qt., Sunken Top, Tube Handles.....	4 40
20-qt., Umbrella Top, Tube Handles.....	3 50
30-qt., Umbrella Top, Tube Handles.....	4 40
40-qt., Umbrella Top, Tube Handles.....	4 65



Bottle-Caps

One lb. (500 caps).....	\$0 35
In boxes, 5,000 caps.....	2 50
In bulk, bbl., 50,000 caps, printed.....	19 00
Small lots, printing 5 cts. per 1,000 extra.	



Bottle-Cases

Standard wood cases, made of hard wood, with strong steel rod partitions and cast-iron piling lugs.

	Each
Quart-size.....	\$1 75
Pint-size.....	1 75

Milk Bottles

The Lockport Milk Bottles, manufactured by the Thatcher Manufacturing Co., are made of the best material. They do not have that bluish cast which is found in inferior bottles, but are clear white, showing to advantage the quality of the milk. The patent seat in the Lockport bottles is a great improvement. It is the only bottle made that will not chip off when machines are used in cleaning. Prices subject to change.

Quarts, \$10 per gross, 1/2 gross \$5

Pints, \$8 per gross, 1/2 gross \$4

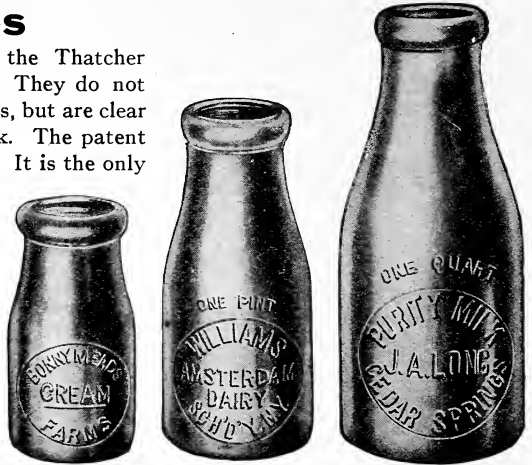
Packed in cases of 1/2 gross. F. O. B. Williamsport, Pa.

10 gross lots, 25 cts. less per gross.

25 gross lots, 50 cts. less per gross.

Name Plates on milk bottles, \$2.50 for each size.

We are jobbers of Thatcher Milk Bottles. Orders shipped from factory average about \$1 less per gross than above prices.



Hand Bottle-Brushes

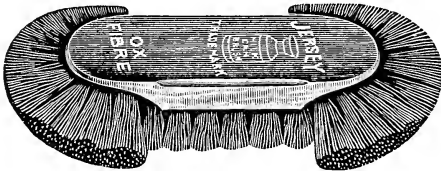


Spiral Hand Bottle-Brushes. 10-in. handle. Made of selected horse-mane hair, flat top. 65 cts. each.

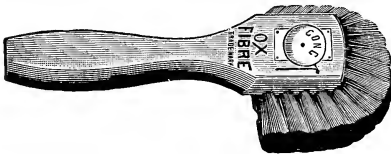
Spiral Wound Hand Bottle-Brush. 10-inch handle. Made of Russia bristles, pointed top. 75 cts. each.

Machine Bottle-Brush. Short handle; flat top. 75 cts. each.

Milk-Can Brushes



Jersey. Ox-fiber. 65 cts. each.



Gong. Ox-fiber. 60 cts. each.

Sanitary Milking Pails

Meet all city sanitary ordinances. Each

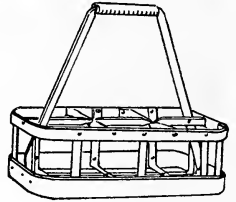
Lisk Heavy-Weight Pails, 12-qt.	\$2 00
14-qt.	2 10
16-qt.	2 25

Wyandotte

A cleanser especially prepared for dairy purposes. It contains no grease, lye, caustic, acid, or preservatives. It makes no suds. It is pure and purifying. 5 lbs. 45c., keg (80 lbs.) \$5.29, barrel (280 lbs.) \$15.28.

Perfection Bottle-Carriers

Made of plain annealed steel bands. Will carry quarts, pints, and half-pints.



	Each
6-bottle size.	\$1 75
8-bottle size.	2 00



Champion Milk Coolers

For aerating and cooling milk. Each

No. 2. 10 to 25-cow size.	\$10 00
No. 3. 25 to 50-cow size.	12 00
No. 4. 50 to 100-cow size.	15 00



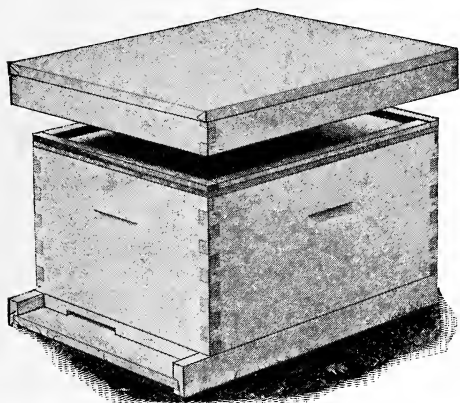
**STERILIZER
DISINFECTANT
DEODORANT
PURIFIER**

B-K has over ten times the power of undiluted carbolic acid for killing germs of disease and the bacteria which cause decomposition and odors in milk containers and utensils. Odors are caused by bacteria. B-K removes the odor by destroying the cause. It leaves no odor of itself.

10-oz.	\$0 60
Quart	1 25
Gallon	3 00

BEE-KEEPERS' SUPPLIES

You will find on this page just a few items to remind you that we carry a complete line of the A. I. Root goods, which we consider the best in the market in point of workmanship and material used. The best is always the cheapest; our goods are sure to please. Prompt and careful attention given to all orders, whether large or small, and mistakes promptly corrected. If you have not already received our complete illustrated Catalogue of Bee-keepers' Supplies send at once for it.



One-Story Standard Hive, with Metal Cover

This Hive is the one most universally used by the largest honey-producers on account of its light weight and the ease with which it may be moved from one location to another. It is furnished either in the eight- or ten-frame size. We recommend the ten-frame size in preference to the eight-frame size for either comb or extracted honey production.

Hives in the flat are furnished with nails, tin rabbets, reversible bottomboard, metal cover, with inner cover, Hoffman frames, and complete directions for nailing. If supers are desired they should be selected and ordered extra.

One-Story Standard Hive with Metal Cover

1-story Standard Hive as described above, with	8-FRAME				10-FRAME			
	Catalogue No.	Weight	Price	Quantity	Catalogue No.	Weight	Price	Quantity
No foundation.....	E212001	26	\$5 50	1 NP	E222001	29	\$5 80	1 NP
No foundation.....	E212002	34	3 95	1 KD	E222002	37	4 20	1 KD
No foundation.....	E212003	128	16 90	5 KD	E222003	145	17 75	5 KD
Inch starters, complete.....	E212004	26	5 75	1 NP	E222004	29	6 05	1 NP
Full sheets, complete.....	E212005	27	6 90	1 NP	E222005	31	7 80	1 NP

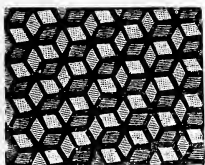
4 1/4 x 4 1/4 x 1 1/8 Beeway Section Super

This Section Super, 4 3/4 inches deep, is the one most commonly used. Furnished nailed with or without sections, and with or without inch foundation starters or full sheets. This Super may be used on any of our single- or double-walled hives, tiered up one or more high. The ten-frame Super contains seven section-holders of four sections each, while the eight-frame contains six section-holders of four sections each.

Price-List of Beeway Section Super 4 1/4 x 4 1/4 x 1 1/8 Sections, 4 3/4 Inches Deep

Furnished as follows:	8-FRAME				10-FRAME			
	Catalogue No.	Weight	Price	Quantity	Catalogue No.	Weight	Price	Quantity
Without sections or foundation.....	D251401	6	\$1 55	1 NP	D252401	7	\$1 65	1 NP
Without sections or foundation.....	D251402	6	1 10	1 KD	D252402	7	1 20	1 KD
Without sections or foundation.....	D251403	30	4 75	5 KD	D252403	35	5 10	5 KD
With sections, 1-in. starters, comp.....	D251404	7	2 20	1 NP	D252404	9	2 40	1 NP
With sections, full sheets, complete.....	D251405	8	2 65	1 NP	D252405	10	2 90	1 NP

KD means knocked down, or in flat. NP means nailed and painted.



Airco Comb Foundation

Brood foundation is cut in sheets 7 3/8 x 16 3/4 inches. Super foundation sheets are 3 3/8 x 15 3/4 inches.

Packed in one-pound paper boxes. E521001, Light-Brood Foundation, 1-lb. box, 82 cts. E535001, Thin Super Foundation, 1-lb. box, 88 cts. Three-Ply Foundation. The world's best Foundation; Three-Ply is for brood and extracting frames and Single-Ply is for comb and chunk honey. 1-lb. box, 85 cts.

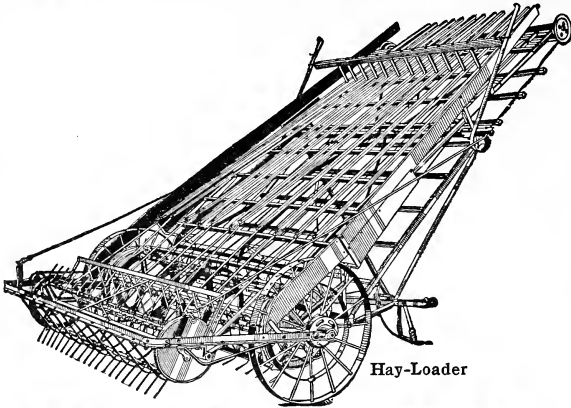
Smokers

The latest improved model has anti-spark tube, which provides a safe force draft, a long-life, flexible hinge, and wire handle that is always cool. Furnished in three sizes. E462501, Junior Tin Smoker, with 2 1/2-inch fire-box, each \$1. E462301, Standard Tin Smoker, with 3 1/4-inch fire-box, each \$1.25. E462101, Jumbo Tin Smoker, with 4-inch fire-box, each \$1.50.

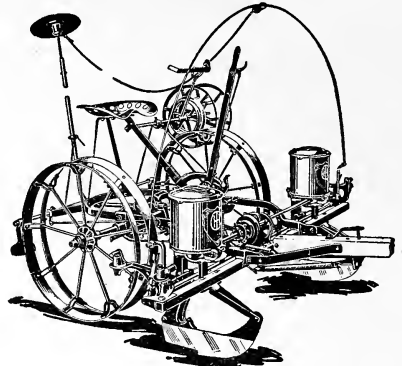


Alexander Bee-Veil

This is one of the most popular Veils made. Being made of screen wire, it is more durable as it will not catch or tear on any obstruction. It is worn without a hat and for this reason it is very cool in summer. The top and bottom are made of muslin. E205570, Alexander Bee-Veil, 90 cts.



Hay-Loader

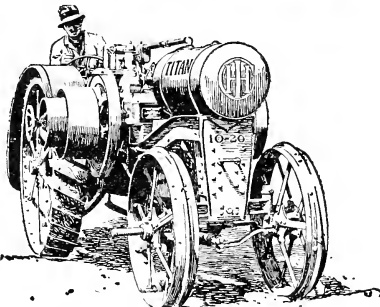


Corn-Planter

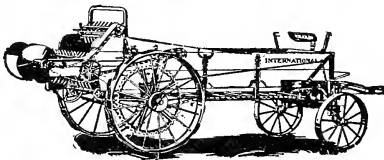
FARM MACHINES



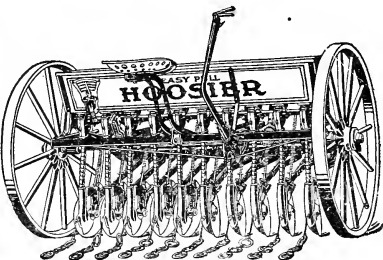
Mower



Tractor



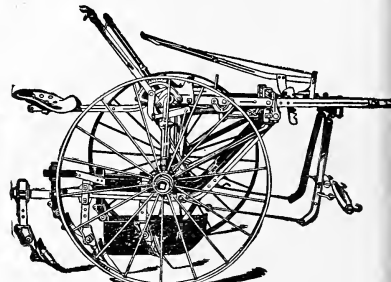
Manure-Spreader



Hoosier Drill



Feed Mill



Cultivator

Planting and Seeding Machines

Hoosier Grain-Drills
Superior Grain-Drills
Pennsylvania Low Down
International Corn-Planters
Buckeye Corn-Planters
Alfalfa and Grass Drills
Lime-Sowers

Haying Machines

McCormick Mowers
Deering Mowers
McCormick Reapers
International Dump and Side
Delivery Rakes
International Combination
Side Rakes and Tedders
International Tedders
Keystone Hay-Loaders
Baling-Presses
Sweep-Rakes

Tillage Implements

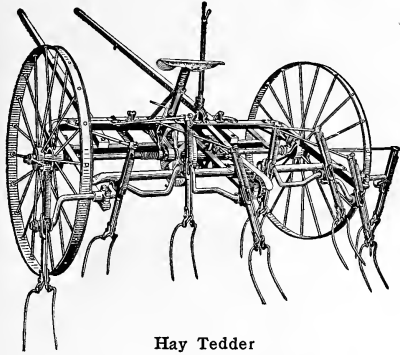
International Riding, Walking
and 1-Horse Cultivators
Buckeye Riding, Walking and
1-Horse Cultivators
Iron Age Cultivators
Planet Jr. Cultivators
Planet Jr. 12-Tooth Harrows
Spring-Tooth Harrows
Peg-Tooth Harrows
Disk Harrows
Culti-Packers
Land-Rollers

Binders and Threshers

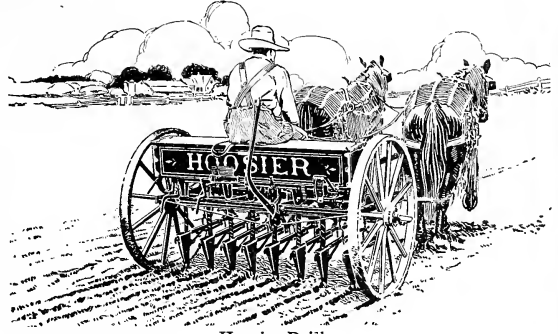
McCormick Grain-Binders
Deering Grain-Binders
McCormick Reapers
McCormick Corn-Binders
Sterling Threshing-Machines
Messinger Threshing-Machines

We Supply Everything

SERVICE BY WM.



Hay Tedder



Hoosier Drill

AND REPAIRS

Plows and Plow-Shares

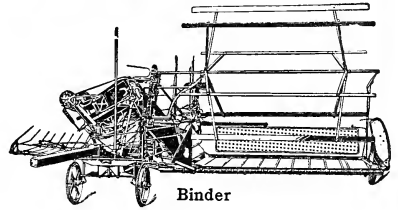
Wiard Riding-Plows
 Wiard Walking-Plows
 LeRoy Riding-Plows
 LeRoy Walking-Plows
 Tractor Plows
 P. & O. Plows
 Repairs and Shares for Wiard,
 LeRoy, Oliver, South Bend,
 Cambridge, Syracuse, John
 Deere, P. & O. and Other
 Makes of Plows

Dairy and Barn Equipment

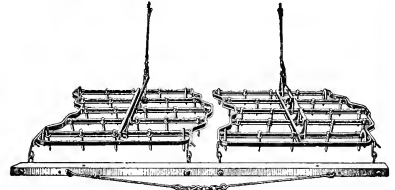
Star Water-Cups
 Star Litter-Carriers
 Star Stalls and Stanchions
 Primrose Cream Separators
 Sharples Cream Separators
 Milking-Machines
 International Ensilage-Cutters
 Dick Ensilage-Cutters
 Papec Ensilage-Cutters
 International Feed-Grinders
 Messinger Choppers
 Barn-Ventilators

Other Farm Equipment

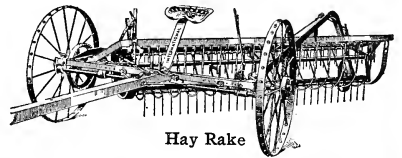
Weber Farm Wagons
 Monarch Farm Trucks
 Jager Concrete Mixers
 International Gas Engines
 International Tractors
 Orr and Sembower Boilers
 Orr and Sembower Steam En-
 gines
 Hamburg Storage Tanks
 Goulds Well Pumps
 Pump-Jacks
 Manure-Spreaders
 Plymouth Binder Twine
 Standard Binder Twine
 Binder Canvases
 Two-in-One Power Washer
 Beeman Garden Tractors
 Corn-Shellers
 Corn-Shredders
 Vegetable-Washer and Polisher



Binder



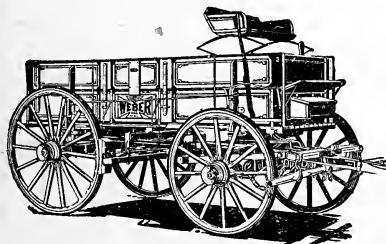
Harrow



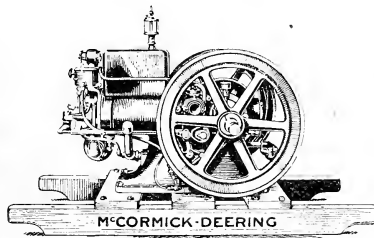
Hay Rake

in Farm Implements

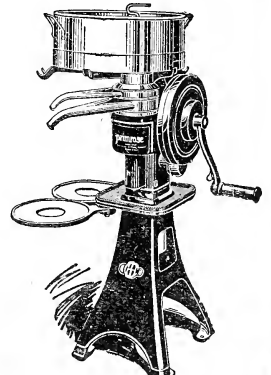
E. (BILL) STROBLE



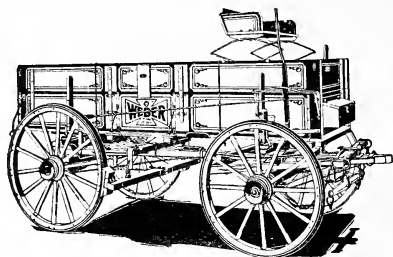
Weber Wagon



Engine



Cream Separator

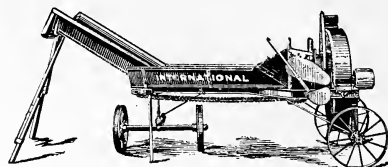


Weber Wagons

fly-wheel cuts, throws, and blows. Type E has six fans, and being malleable they will bend before breaking; two sets of knives are regular equipment. Type E machines, mounted with traveling table, 30 feet of pipe, hopper and top joint.

The Weber Wagons are all hickory and oak. They are built for service and are equipped with a swivel reach coupling, the famous International Fifth Wheel which eliminates the rocking of bolster. Standard Wagon and Gear, with Box, Seat and Brake, capacity 4,500 lbs. Prices on application.

The International Type E Ensilage Cutters. These Cutters are light running and Trojans for work. The frame is of heavy channel steel, hot riveted; the fly wheel is built of three-ply boiler plate riveted together; the

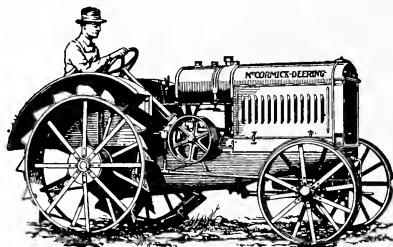


Ensilage Cutter

McCormick • Deering International

Machine Twine

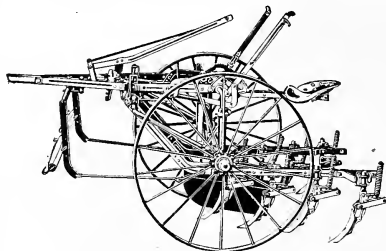
Implements and Service



International 10-20 Tractors, four Cylinder Kerosene burning. Prices on application.

RECOGNIZED AS WORLD LEADERS
NINETY YEARS MANUFACTURING EXPERIENCE

Repairs Can Always Be Had
The Full Line Is Guaranteed



No. 4. Fig. 241 Cultivator

are of excellent construction. The frame is made of channel steel; regular diamond teeth measuring $\frac{1}{8}$ of an inch. Two sections shipped regularly with draw bar. Two sections, open end, 60-tooth. Prices on application.

International Two-Horse Riding Cultivator No. 4, Fig. 241, is of pivot axle construction. Hill dodging is accomplished by means of two foot pedals placed just right for the driver's feet. A light pressure pivots the wheels and shifts the gangs. This Cultivator has ball-bearing pivots—ten large ball-bearings encased in a milled ball race. The depth lever is on the tongue, which raises or lowers the front of the Cultivator. With this lever the driver can set his shovels to do exactly the class of work he wants. No. 4 pin brake. Prices on application.

International Peg-Tooth Harrows



60-tooth Peg Harrow

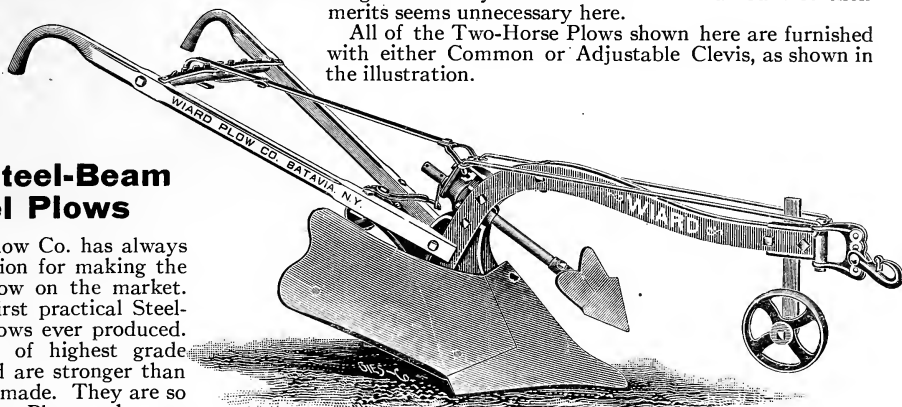
Wiard Swivel or Hillside Plows

The Wiard Swivel Plows are so well known throughout Pennsylvania that a detailed account of their merits seems unnecessary here.

All of the Two-Horse Plows shown here are furnished with either Common or Adjustable Clevis, as shown in the illustration.

Wiard Steel-Beam Swivel Plows

The Wiard Plow Co. has always had the reputation for making the best Hillside plow on the market. These are the first practical Steel-beam Swivel Plows ever produced. The beams are of highest grade forged steel, and are stronger than any other beam made. They are so adjusted that the Plow works perfectly when reversed either way, and all the parts are attached in the simplest but strongest manner.



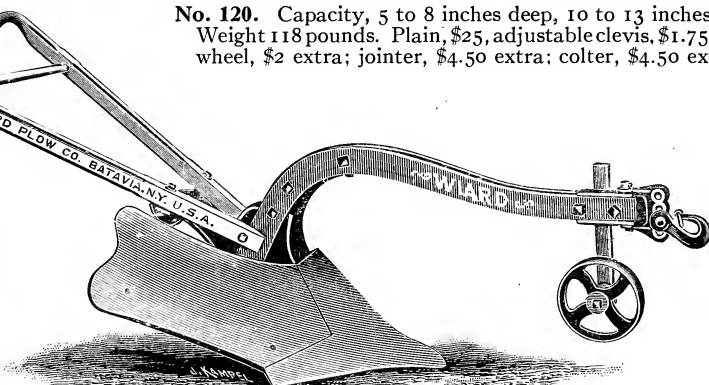
No. 120. Capacity, 5 to 8 inches deep, 10 to 13 inches wide. Weight 118 pounds. Plain, \$25, adjustable clevis, \$1.75 extra; wheel, \$2 extra; jointer, \$4.50 extra; colter, \$4.50 extra.

Wiard Two-Horse Plow

Two-Horse, Right- and Left-Hand

One of the old reliables and a leader yet. Light draft. Greatest strength with least weight.

No. 27 L.H. Capacity, 6 to 8 inches deep, 10 to 14 inches wide, weight, 105 pounds. Plain, \$23.25; wheel, \$2.50 extra; jointer, \$4.50 extra.



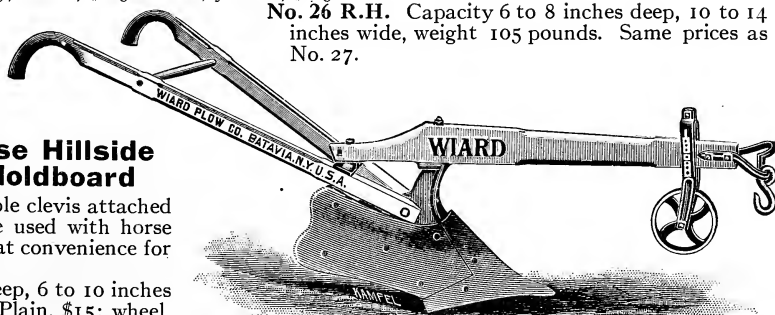
No. 26 R.H. Capacity 6 to 8 inches deep, 10 to 14 inches wide, weight 105 pounds. Same prices as No. 27.

Wiard Wood Beam Swivel Plows

No. 21. One-Horse Hillside Plow, Chilled Moldboard

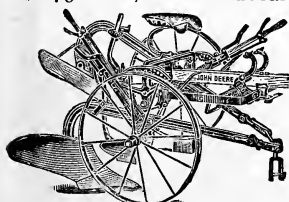
By an ingenious but simple clevis attached to these Plows they can be used with horse walking in the furrow, a great convenience for garden and vineyard work.

Capacity, 4 to 7 inches deep, 6 to 10 inches wide. Weight 77 pounds. Plain, \$15; wheel, \$1.75 extra; steel moldboard, \$1.50 extra.



John Deere Syracuse Two-Way Plow

"Built in the East for the East"—built for farms like yours. It turns full-width furrows on hillsides—won't tip over—works close to fences, plows out nooks and corners of irregular fields and does away with dead furrows and backridges where these are not desirable. This Plow is a real labor-saver. Your boy can easily handle it. Slight pressure on a handy foot lever controls the auto frame shift. This patented feature enables you to maintain full width of cut in plowing around curves, on hillsides, or around stones or other obstructions. The clevis shift and horse lift are automatic. All steel and malleable frame and steel arch. Every part strong and substantial. It's a long-lived Plow. Equipped with Syracuse chilled steel bottoms—the kind that eastern farmers have preferred for 50 years. You need this Plow for your fields. Drop in the next time you are in town and see it. Price, \$105.



Built for farms like yours

lived Plow. Equipped with Syracuse chilled steel bottoms—the kind that eastern farmers have preferred for 50 years. You need this Plow for your fields. Drop in the next time you are in town and see it. Price, \$105.



Chaapel's American Lawn Grass Seed

Recleaned and Tested Seed, weighing over 20 pounds to the bushel

Our Mixture can be absolutely relied upon as being made up of the finest qualities of Grass Seed obtainable, free from weed seeds, and of the very best and highest germinating qualities. Mixed especially of Grasses that do best in our soils.

We have sold this Mixture of Lawn Grasses for many years, and positively know that it is surpassed by none; it will stand wear and tear, forming a close, firm, green and lasting turf, retaining its velvety appearance to the last. One quart will sow a space 10 by 20 feet—200 square feet. Ask for our leaflet, "A Few Suggestions on Lawn Making." Qt. 30 cts., 2 qts. 55 cts., 4 qts. \$1, pk. \$1.75, bus. (20 lbs.) \$6.

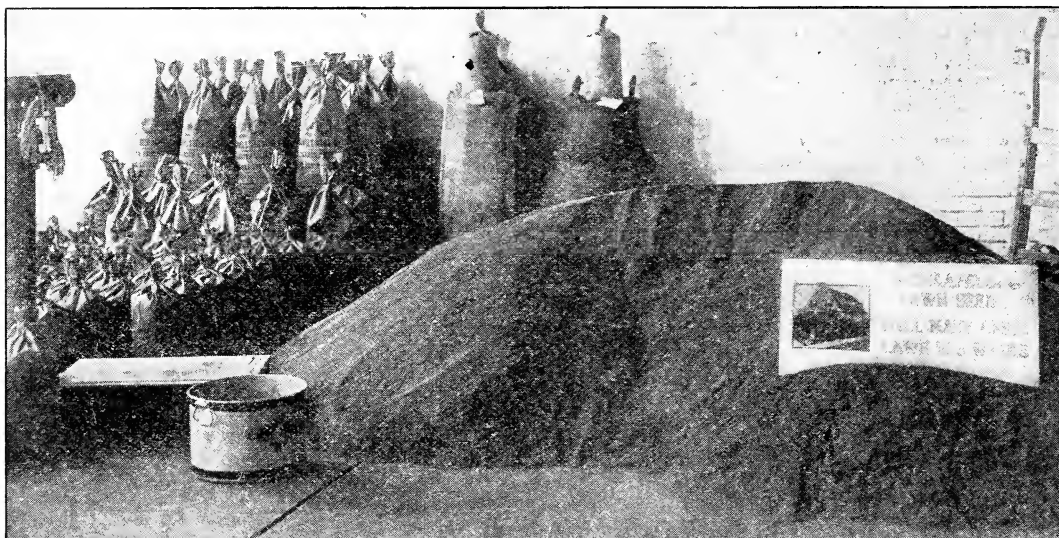
Chaapel's Clover Lawn Grass Seed

The increasing demand for a Lawn Seed containing a larger proportion of White Clover induced us to offer this Mixture, containing a most liberal quantity of best recleaned White Clover. It is especially suited for shaded locations and will thrive better under trying conditions than any other mixture. Sow one quart to 200 square feet (10 x 20 ft.) Pt. 20 cts., qt. 40 cts., 2 qts. 70 cts., 4 qts. \$1.30, pk. \$2.50, bus. (30 lbs.) \$10, 100-lb. lots or over, 30 cts. lb.

FANCY WHITE CLOVER. Fine for new or old lawns; easy to grow. Adding one-fourth pound to one quart of our Lawn Grass Seed will make a very desirable mixture. $\frac{1}{4}$ lb. 20 cts., lb. 75 cts.

Shaded locations are usually sour, mossy, and impoverished. Lime will sweeten the soil; sheep manure, bone meal, and nitrate of soda will make the Grass grow luxuriantly even in shady places.

FEED YOUR LAWN FERTILIZERS—MAKE THE GRASS GROW



Not many people who use our Lawn Seeds know that we do our own mixing from our own formulas, using only selected varieties of Grasses of superior quality. It was while doing this mixing that we wished our customers could see this great pile of Seeds, so our Mr. Bacher "took its picture." We require several piles like this to supply our customers each season.

Suggestions About Ordering

Importance of Ordering Early. Before the rush season begins we can give you better service, for our stocks will then be complete. Being sold out of some varieties entails correspondence and delays, so on receipt of this catalogue make out your order and mail it to us immediately.

MAKING OUT ORDERS. Be sure to use the order sheet and follow the directions given.

SHALL WE SUBSTITUTE? We do not substitute unless instructed to do so, except in the case of small quantities where we know the purchaser would prefer to have some other equally good or better kind, rather than none at all.

PRICE OF BAGS. Seamless 2-bushel bags, used in shipping farm seeds, etc., 50 cts. each; 1-bus. bags, 20 cts.; 1-pk. bags, 15 cts.; burlap sacks, 10 cts.

PRICES. The prices quoted in this catalogue are net, and not subject to discount. **All prices quoted in this catalogue are subject to change without notice.**

Seeds by Parcel Post. We earnestly advise that all light shipments go by parcel post whenever possible. We will pay postage on all small seeds in packets, and in bulk up to $\frac{1}{4}$ pound, anywhere in the United States. We can send seeds in any quantity up to 70 pounds. *Within the first and second zones from Williamsport, add to your remittance for postage as follows: 1-pound orders, 5 cents; for each additional pound, 1 cent; on Peas, Beans, and Corn, 10 cents for the first quart and 2 cents for each additional quart.* For rates to other zones, inquire of your postmaster. *The necessary postage must be sent with the order.*

Terms. Our prices are based upon cash sales. To avoid delay in filling your order, please send remittance with the order, including postage for Parcel Post. and cost of bags when necessary. Any overpay will be returned to you promptly.

HOW TO SEND MONEY. Money is most conveniently and safely sent in the form of a post office money order, express money order, or check. We always accept personal checks as a convenience to our customers, if they have money in the bank. Small amounts may be sent in postage stamps; it is not safe to send silver.

YOU RUN NO RISK in sending cash with order. Our financial responsibility can be learned from any bank, trust company, or merchant who subscribes to either of the Commercial Agency Reports.

TESTED SEEDS

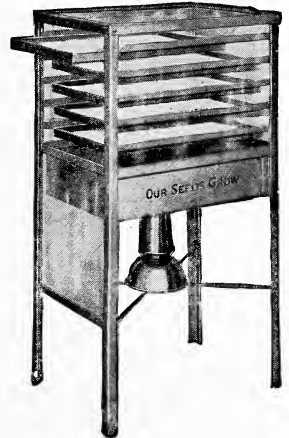
It is only by painstaking methods that we can be sure of seed of good germination. To protect our customers against seed of poor quality, we test our seeds as soon as they arrive from our growers in the Sho-Gro Seed Germinator illustrated at the right. Seeds of good germination cannot be determined by their looks but must pass through a germinating test requiring careful, expert attention to assure accuracy.

"GUARANTEED SEEDS"

Upon being asked if he would guarantee his seeds to grow, an eminent seedsman said, "Yes, if I may select the soil, plant them myself, and govern the weather."

Seeds **MUST** be right, but it is just as necessary that the soil be suitable and well prepared, that the planting be done properly and at the right time, and that the weather be not too unfavorable.

BY TEST WE KNOW THAT THESE SEEDS ARE OF GOOD VITALITY. To you is given to select and prepare the soil and to give the proper care. Providence alone governs the weather.



The above is a picture of our Sho-Gro Seed Germinator. Call at our Seed Store and see it in operation.

WE GUARANTEE OUR SEEDS to be of the very best quality and of strong vitality, but cannot guarantee results or crops. If customers do not accept goods on these conditions, the goods can be returned to us within ten days.

CHAAPEL'S SEED STORE

CHAAPEL'S SEEDS



Big Boston Lettuce, Sparkler Radish
Danvers Half-Long Carrot

One packet of each for 15 cents postpaid, or
free with order of \$1 for seeds in packets only

Chaapel's
Seed Store

39 EAST THIRD STREET
WILLIAMSPORT, PA.